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ABSTRACT

This report presents the technical details of the sample design used for the day care survey conducted by Westat Research, Inc. under subcontract to Westinghouse Learning Corporation. It follows the recommendations of the preliminary report on sampling design (available as ED 051 880) submitted on August 15, 1970. That report presented the merits and weaknesses of alternatives along with reasons for selection of the recommended design. This final report describes the manner in which the actual design was carried out. These appendixes include: sample design, field procedure, response and validation, training manual, questionnaires, coding and editing instructions, school superintendents' questionnaire, and contingency tables. (Author/AJ)

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DAY CARE SURVEY-1970

Summary Report and Basic Analysis

Appendices

April 1971

prepared by
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and
Westat Research, Incorporated

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PREFACE

The following appendices constitute a description of the procedures and the original materials used during the Survey of Day Care conducted by Westat Research, Inc. for the Office of Economic Opportunity.

APPENDIX A

SAMPLE DESIGN

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I. Introduction

This report presents the technical details of the sample design used for the Day Care Survey conducted by Westat Research, Inc. under subcontract to Westinghouse Learning Corporation.

It follows the recommendations of the preliminary report on sampling design submitted on August 15, 1970. That report presented the merits and weaknesses of alternatives along with reasons for selection of the recommended design. This final report describes the manner in which the actual design was carried out.

II. Basic structure of the design

The basic design is patterned after the one used by the Current Population Survey of the Bureau of the Census. In this design, the roughly 3,100 counties of the conterminous United States are grouped into about 1,900 primary sampling units (PSUs), of which about one-eighth are metro units and seven-eighths nonmetro units. Except for New England, the PSU boundaries coincide with county boundaries. In parts of New England the PSUs are defined as collections of towns, but the towns are the principal units of local government and all of the towns taken together comprise a mutually exclusive and exhaustive coverage of the geographic area.

The fact that PSUs are single counties or groups of counties (except for New England) is important to this study because many day care centers and day care homes are licensed by the county. Thus, the county is a natural geographic unit for obtaining lists of facilities to be sampled or covered comprehensively.

In the case of standard metropolitan statistical areas (SMSAs),PSUs are the entire SMSA. In large population centers, such as New York, the consolidated metropolitan area (CMA) is used. The CMA is actually an aggregation of two or more SMSAs. Large SMSAs and CMAs were subdivided, as discussed below. In nonmetro areas, each PSU consists of a single county or a collection of contiguous counties compact enough in area so that a sample spread throughout it can be canvassed efficiently without undue travel cost. A conscious attempt was made to make the PSUs as heterogeneous as possible. A typical PSU, for example, contains both urban and rural residents, all economic levels, and diverse occupations and industries.

The Bureau of the Census has regrouped the PSUs into varying numbers of strata, attempting to make the PSUs in each stratum as homogeneous as possible. Westat organized the PSUs into 52 strata, after updating the SMSA boundaries to include the 1967 definitions of the Bureau of the Budget. The basic design, with one PSU per stratum, yields a survey design requiring surveys in 52 communities, where "community" may be a county, a collection of counties, an SMSA (or CMA) or a part of an SMSA (or CMA).

The choice of 52 PSUs requires some justification. Frequently, about 100 PSUs or more are used and, on relatively rare occasions, about 25 are used. The choice of about 50 was governed by the following arguments:

1. The original plans for the field work called for about 400 interviews with users, 1,750 interviews with nonusers, and 100 interviews with community leaders.* For three potential numbers of strata (with one PSU per stratum) the average workloads are as follows:

Interview type	25 PSUs	50 PSUs	100 PSUs
Operator	16	8	4
Users	30	15	8
Nonusers	75	38	19
Community leaders	4	2	1

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*Plans were subsequently modified to exclude interviews with community leaders and to increase interviews with other respondents. The actual numbers of interviews will be presented in the final report.

The workload per PSU for the 50-strata design is about the maximum which can be accomplished in the 3 1/2 month interview period by one interviewer. Clearly, the 100-strata design would require training about twice as many interviewers and would entail substantial increases in supervision and sample drawing (see below). On the other hand, the 25-strata sample would require almost as many interviewers, but would have savings in training, supervision and sample drawing. There is a modest increase in costs from 25 to 50 strata which, in our judgment, is more than offset by increases in precision due to the smaller number of units included in the sample per PSU in the sample and also from greater depth of stratification. However, there is a "step-function" increase in costs from 50 to 100 strata which, we feel, the increase in precision will not justify. For this reason, a design with about 50 strata was chosen and the actual number of strata was 52.

2. The 52 PSUs in which interviews were conducted could have been assigned to 26 strata in pairs, but we chose to assign one to each of the 52 strata.* The former procedure would cost essentially the same as the latter, and would make it possible to obtain a more precise estimate of the sampling error. However, substantial real loss in precision might occur due to the coarser stratification of the population. Strata were collapsed into approximately comparable pairs (or triplets) for the estimation of the variance. The procedure provides real gains in precision although it results in overestimates of the sampling error. In our judgment, the real gain in precision due to using 52 strata is more important to the objectives of the study than the loss in precision of estimates of the sampling error.

The method for identifying counties (or New England towns) to be included in the sample is stochastically equivalent to the following procedures:

1. New York, Los Angeles, Chicago, Philadelphia, Detroit,

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*Note that certainty PSUs encompass the entire stratum.

Boston and Pittsburgh were selected with certainty. That is, the CMA or SMSA of which they are a part was included in the sample with probability 1.0000. Each of these 7 metropolitan areas was considered an entire stratum.

2. Each of the other 45 strata contained two or more PSUs (counties, groups of counties or SMSAs), of which one PSU was drawn with probability proportional to 1960 population.

3. Strata containing PSUs with small populations were treated as follows:

a. Census PSUs with less than 20,000 population in 1960 were combined with adjacent PSUs where it was feasible to form contiguous areas which, although geographically large compared to usual sample PSUs, could still be covered by a single interviewer to obtain operator interviews.

b. Census PSUs of less than 20,000 population which could not conveniently be clustered with adjacent PSUs in the same stratum were dropped from the universe and their weight reallocated to remaining PSUs in the stratum. An estimated 1.6 percent of the total conterminous U.S. population was treated in this manner.

c. One PSU, of those remaining, was drawn into the sample with probability proportional to size.

This procedure produced a probability sample of all identifiable* day care centers except for those located in the 1.6 percent of the population that was excluded. The procedure, in fact, imputes to the omitted day care centers characteristics like those in the other counties in the same primary stratum. The PSUs were enlarged and the remaining small PSUs were excluded in order to avoid an increase in variance that occurs when very small PSUs are selected which do not contain enough sampling units (centers) to retain the self weighting characteristics of the design. It is then necessary to assign higher weights to the available units and this procedure may add materially to the sampling error. The procedure is described in greater detail later.

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*See listing procedure, subsequently.

4. Multiple-county PSUs in some cases were subsampled to reduce the workload on interviewers and on those drawing the sample of areas for household interviewing. For example, the New York CMA contained 14.8 millions of population in 1960 and covered 17 boroughs and counties. Of these, Kings was selected with certainty and six others were selected with probability proportional to 1960 population to produce the sample identified in Table 2.1.

5. In subsampling SMSAs (or CMAs) maps of poverty areas produced by the Bureau of the Census were used. Those counties containing large urban poverty concentrations (as observable from the maps) were subsampled with higher probability of selection (generally) than those without such concentration. This procedure in no way biases the results, but insures better coverage of the poverty areas in the conterminous United States.

6. The above steps produced the sample of counties for interviews with day care operators and users of those facilities. Some further subsampling was done to obtain the sample of counties in which area probability samples of households were drawn. That sample, with its associated probabilities of selection, is also shown in Table 2.1.

The counties included in the operator sample include about 31 percent of the 1960 population of the conterminous United States.

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Table 2.1. Primary sampling units selected for the day care survey.

		County				Probability of selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
1	New York - Northeastern New Jersey	Kings, N.Y.	1	14,759	2,627	1.0000	1.0000
		Queens, N.Y.	2		1,810	0.9427	0.9247
		Bronx, N.Y.	3		1,425	0.6399	0.6399
		Westchester, N.Y.	4		809	0.4214	0.4214
		Nassau, N.Y.	5		1,300	0.6771	0.6771
		Union, N. J.	6		504	0.2625	0.2625
		Passaic, N.J.	7		407	0.1828	0.1828
2	Philadelphia, Pa. New Jersey	Philadelphia, Pa.	1	4,343	2,003	1.0000	1.0000
		Bucks, Pa.	2		309	0.3741	0.3741
		Delaware, Pa.	3		553	0.7310	0.7310
		Camden, N.J.	4		392	0.5182	0.5182
3	Chicago - Northwestern Indiana	Cook, Ill.	1	6,794	5,130	1.0000	1.0000
		Will, Ill.	2		192	0.2718	0.2718
		Kane, Ill.	3		208	0.2171	0.2171
4	Detroit, Michigan	Wayne, Mich.	1	3,762	2,666	1.0000	1.0000
		Oakland, Mich.	2		690	0.6296	0.6296

Table 2.1. Primary sampling units selected for the day care survey (con.)

		County				Probability of Selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
5	Pittsburgh, Pennsylvania	Allegheny, Pa.	1	2,404	1,629	1.0000	1.0000
		Westmoreland, Pa.	2		353	0.4543	0.4543
6	Los Angeles - Long Beach	Los Angeles, Calif.	1	6,743	6,039	1.0000	1.0000
		Orange, Calif.	2		704	1.0000	1.0000
7	Boston, Mass.	Suffolk, Mass.	1	2,595	791	1.0000	1.0000
		Middlesex, Mass. (part)	2		975	0.5406	0.5406
8	Buffalo, New York	Erie, N. Y.	1	3,216	1,065	0.4064	0.4064
		Niagara, N. Y	2		242	0.4064	0.4064
9	Milwaukee, Wisconsin	Milwaukee, Wis.	1	2,761	1,036	0.4632	0.4632
		Ozaukee, Wis.	2		38	0.1613	0.1613
		Washington, Wis.	3		46	0.1613	0.1613
10	St. Louis, Mo. Illinois	St. Louis City, Mo.	1	3,198	750	0.6582	0.6582
		St. Louis, Mo.	2		704	0.6582	0.6582
		Madison, Ill.	3		225	0.2271	0.2271
11	Dallas, Texas	Dallas, Texas	1	2,136	952	0.5239	0.5239
		Ellis, Texas	2		43	0.2290	0.2290
		Kaufman, Texas	3		30	0.2290	0.2290

Table 2.1. Primary sampling units selected for the day care survey (con.)

	County					Probability of Selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
12	Washington, D. C. - Md. - Va.	District of Columbia	1	3,883	764	0.5352	0.5352
		Prince Georges, Md.	2		357	0.2739	0.2739
		Arlington, Va.	3		163	0.2209	0.2209
		Alexandria City, Va.	4		91	0.2209	0.2209
13	Houston, Texas	Harris, Texas	1	4,272	1,243	0.3323	0.3323
		Brazoria, Texas	2		76	0.1435	0.1435
14	Seattle, Washington	King, Wash.	1	1,917	935	0.5775	0.5775
		Snohomish, Wash.	2		172	0.5775	0.5775
15	Providence - Pawtucket - Warwick, R. I. - Mass.	Providence, R. I.	1	3,184	558	0.2579	0.2579
		Bristol, R. I.	2		37	0.0606	0.0606
		Newport, R. I.	3		2	0.0606	0.0606
		Washington, R. I.	4		22	0.0606	0.0606
16	Pittsfield, Mass.	Berkshire (part)	1	2,987	77	0.0257	0.0257
17	New Bedford, Mass.	Bristol (part)	1	3,555	137	0.0403	0.0403
		Plymouth (part)	2		6	0.0403	0.0403

Table 2.1. Primary sampling units selected for the day care survey (con.)

	County					Probability of selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
18		Pike, Pa.	1	2,562	9	0.0228	0.0228
		Sussex, N. J.	2		49	0.0228	0.0228
19		Bradford, Pa.	1	2,628	55	0.0209	0.0209
20	Omaha, Neb.	Douglas, Neb.	1	3,360	343	0.1362	0.1362
		Sarpy, Neb.	2		31	0.1362	0.1362
		Pottowattamie, Iowa	3		83	0.1362	0.1362
21	Indianapolis, Indiana	Marion, Ind.	1	5,440	698	0.1734	0.1734
		Boone, Ind.	2		28	0.1734	-
		Hamilton, Ind.	3		40	0.1734	-
		Hancock, Ind.	4		27	0.1734	0.0853
		Hendricks, Ind.	5		41	0.1734	0.1050
		Johnson, Ind.	6		44	0.1734	-
		Morgan, Ind.	7		34	0.1734	0.1050
		Shelby, Ind.	8		34	0.1734	0.0853
22	Flint, Michigan	Genessee, Mich.	1	3,486	374	0.1194	0.1194
		Lapeer, Mich.	2		42	0.1194	0.1194

Table 2.1. Primary sampling units selected for the day care survey (con.)

	County					Probability of selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
23	Columbus, Ohio	Franklin, Ohio	1	3,450	683	0.2188	0.2188
		Pickaway, Ohio	2		36	0.2188	0.1090
		Delaware, Ohio	3		36	0.2188	0.2188
24		Kendall, Ill.	1	2,512	18	0.0511	0.0511
		La Salle, Ill.	2		111	0.0511	0.0511
25		Delaware, Iowa	1	4,039	18	0.0097	0.0097
		Jones, Iowa	2		21	0.0097	0.0097
26		Mahaska, Iowa	1	2,138	24	0.0326	0.0326
		Wapello, Iowa	2		46	0.0326	0.0326
27		Morgan, Ohio	1	3,271	13	0.0281	0.0281
		Muskingum, Ohio	2		79	0.0281	0.0281
28		Franklin, Ill.	1	2,731	39	0.0467	0.0298
		Jackson, Ill.	2		42	0.0467	0.0298
		Williamson, Ill.	3		46	0.0467	0.0298
29		Hillsdale, Mich.	1	2,498	35	0.0259	0.0259
		Williams, Ohio	2		30	0.0259	0.0259

Table 2.1. Primary sampling units selected for the day care survey (con.)

		County				Probability of selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
30	Wilmington, Del. - N. J. - Md.	New Castle, Del.	1	3,177	307	0.1305	0.1305
		Salem, N. J.	2		59	0.1305	-
		Cecil, Md.	3		48	0.1305	0.0590
31	Tampa - St. Petersburg, Fla.	Hillsborough, Fla.	1	2,974	398	0.2597	0.2597
		Pinellas, Fla.	2		375	0.2597	0.2597
32	San Angelo, Texas	Tom Green, Tex.	1	3,736	65	0.0173	0.0173
33	Wichita Falls, Texas	Wichita, Tex.	1	2,557	124	0.0507	0.0507
		Archer, Tex.	2		6	0.0507	0.0507
34	San Antonio, Texas	Bexar, Tex.	1	3,101	687	0.2309	0.2309
		Guadalupe, Tex.	2		29	0.2309	0.2309
35	Memphis, Tenn. - Ark.	Shelby, Tenn.	1	3,460	627	0.1948	0.1948
		Crittenden, Ark.	2		48	0.1948	0.1948
36	Little Rock - North Little Rock, Ark.	Pulaski, Ark.	1	3,520	243	0.0774	0.0774
		Saline, Ark.	2		29	0.0774	0.0774
37		Lee, Fla.	1	2,900	55	0.0188	0.0188

Table 2.1. Primary sampling units selected for the day care survey (con.)

		County				Probability of selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
38		Little River, Ark.	1	2,559	9	0.0165	-
		Sevier, Ark.	2		10	0.0165	-
		Howard, Ark.	3		11	0.0165	0.00893
		Polk, Ark.	4		12	0.0165	0.00893
39		Refugio, Tex.	1	2,730	11	0.0188	0.0188
		Bee, Tex.	2		24	0.0188	0.0188
		Calhoun, Tex.	3		17	0.0188	0.0188
40		George, Miss.	1	2,329	11	0.0286	0.0286
		Jackson, Miss.	2		55	0.0286	0.0286
41		Mississippi, Ark.	1	2,580	70	0.0272	0.0272
42		Allegany, Md.	1	2,377	84	0.0440	0.0440
		Garrett, Md.	2		20	0.0440	0.0440
43		Nowata, Okla.	1	2,700	11	0.0197	0.0197
		Washington, Okla.	2		42	0.0197	0.0197
44		Sunflower, Miss.	1	2,692	46	0.0462	0.0462
		Washington, Miss.	2		79	0.0462	0.0462

Table 2.1. Primary sampling units selected for the day care survey (con.)

PSU number	County			Stratum population (thousands)	County population (thousands)	Probability of selection	
	SMSA or CMA	Name	Code			Operator sample	General population sample
45		Montgomery, Tenn.	1	2,379	56	0.0287	0.0287
		Stewart, Tenn.	2		8	0.0287	0.0287
		Houston, Tenn.	3		5	0.0287	0.0287
46		Washington, Va.	1	3,209	38	0.0317	0.0145
		Dickerson, Va.	2		20	0.0317	-
		Russell, Va.	3		26	0.0317	-
		Bristol City, Va.	4		17	0.0317	0.0145
47	San Diego	San Diego, Calif.	1	4,160	1,033	0.2481	0.2481
48	Stockton, Calif.	San Joaquin, Calif.	1	3,365	250	0.0743	0.0743
49		Santa Cruz, Calif.	1	3,234	84	0.0308	0.0308
		San Benito, Calif.	2		15	0.0308	0.0308
50		Gila, Ariz.	1	2,730	26	0.0094	0.0094
51		Grand, Utah	1	2,484	6	0.0139	0.00762
		Emery, Utah	2		6	0.0139	-
		Uintah, Utah	3		12	0.0139	0.00762
		San Pete, Utah	4		11	0.0139	-

Table 2.1. Primary sampling units selected for the day care survey (con.)

	County					Probability of selection	
PSU number	SMSA or CMA	Name	Code	Stratum population (thousands)	County population (thousands)	Operator sample	General population sample
52		Providence, R. I. (part)	1	2,853	11	0.0416	0.0416
		Kent, R. I. (part)	2		1	0.0416	0.0416
		Newport, R. I. (part)	3		70	0.0416	0.0416
		Washington, R. I. (part)	4		37	0.0416	0.0416

III. Allocation of the sample within counties

A. General statement of the procedure.

The various phases of the operator and block samples were allocated to sample units within counties so as to achieve, as nearly as feasible, a self weighting sample within classes of the population. (See Section D below.) It was recognized that within each weight class the final sample of responses would not be perfectly self weighting because of nonresponse and the occasional requirement in the operator sample to sample more units than are available in a given county. Also in certain PSUs the proportion of operators taken into the sample was cut in half or doubled to increase the efficiency of the design. However, the self-weighting principle was chosen as a goal in order to equalize workloads and to achieve efficiency in the design to the extent that it could be adhered to.

For a constant overall sampling fraction, and with oversimplified notation, let

n = overall sample desired (say, 400 day care operators)
N = estimated number in population (say, 20,000)
P_{hi} = probability of selection of the i^{th} selected county in h^{th} stratum
f_{hi} = sampling fraction in the i^{th} selected county in the h^{th} stratum

$$= \frac{n}{NP_{hi}}$$

Then, for self representing counties (in large SMSAs or CMAs)

P_{hi} = 1 (selected with certainty)

f_{hi} = n/N = (1/50, as above)

That is, one would select one-fiftieth of the facilities in self-representing counties in large SMSAs. For another county suppose $P_{hi} = 1/40$. That is, the selected PSU, drawn with probability proportional to size, contains one-fortieth of the total population in the stratum. Then, for that PSU:

$$f_{hi} = \frac{n}{NP_{hi}} = \frac{400\ (40)}{20,000} = 4/5,$$ and one would take 4/5 of the facilities identified in the PSU.

In the above hypothetical case, about 90 interviews would be accomplished in the combined certainty PSUs and the remaining 310 would be distributed evenly over the remaining 45 PSUs, calling for an average of seven or eight in each. In actual practice, larger samples had to be drawn to account for refusals and other factors. This is, of course, only an illustration of the allocation principle involved. Actual allocation is presented in more detail below.

B. Selection of the sample of centers and homes.

Lists of names and addresses of day care centers and homes were obtained for each of the sample counties from the following sources:

1. Licensing authorities (county, municipal and state).
2. Telephone directories.
3. Principal church organizations.
4. Community action agencies.
5. Departments of Welfare or Social Service.
6. Other known sources of compiled lists.

In some cases it was possible to obtain in advance of field work essentially complete lists of day care centers, somewhat less complete lists of group day care homes and sketchy lists of family day care homes. It is safe to assume that in other cases all components of the listings were sketchy. An essential part of the field work consisted of the construction of workable lists. These were augmented by the block samples as described subsequently.

For list construction purposes it was decided to classify day care as follows:*

1. Family day care: 1 to 6 children, inclusive, who are not members of the operator's family.
2. Group day care: 7 to 12 children.
3. Day care centers: 13 or more children.

In all cases, at least one child must be cared for on a regular basis for seven hours or more per day to qualify as day care. The definitions depart somewhat from those in Federal Interagency Day Care Requirements but are sufficient for list construction purposes. The survey was designed to provide estimates of the number in various classifications.

On the basis of lists to be prepared prior to beginning the field work, the sampling rates were set so as to produce an expected 300 interviews with day care centers and group day care homes. Interviews with family day care homes were obtained from the general population sample as described in Section D. The lists of day care centers and homes were edited to remove, to the extent possible, such homes prior to sample selection.

When a sampling rate was determined for a specified county, it was applied to the edited list for that county. Other facilities identified in the field when the general population survey was conducted were included in the sample as well. Their probability of inclusion is determined by the probability of inclusion of the blocks within which they fell.

C. Selection of the sample of users of identified day care centers.

Users are defined as those persons exercising parental responsibility over children in day care. For simplicity, we refer to them as "parents", or "users". Having identified a sample of day care centers and group homes

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*Subsequently, it was decided to drop the "group day care home" as a designation and to interview all but family day care homes with the same questionnaire.

(above), rules were established for selection of parents who use the sampled facilities.

Some problems of gaining the cooperation of operators in providing lists of users were anticipated, so several alternative procedures were designed. In all cases, the procedures called for preparing or identifying a list of names, assigning a serial number to each and selecting k names (k dependent on enrollment) according to a table of random selections provided in the instructional materials. These instructions are documented in the final report. The four procedures, in the order of preference are as follows:

1. Operator has a list or card file of "mothers" and will permit interviewer to use it. Draw a random sample of names by using the table of random selections.

2. Operator has a list or card file of children and will permit interviewer to use it. Same procedure as above.*

3. Operator has list, but refuses to provide it to interviewer.
   a. Operator was asked to draw the sample herself by the above rules.
   b. Upon refusal, she was asked to send home prepared letters to parents seeking cooperation and the sample was drawn from those who expressed willingness to be interviewed.

The samples were drawn so as to produce a sample list of about one out of 15 families using the day care centers. The actual numbers drawn are shown in Table 2.2.

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*This procedure increases the probability of inclusion of a mother with more than one child in the center. It was decided to adjust for this selection bias in the computation rather than to unduly complicate instructions to interviewers.

Table 2.2. Sample of day care centers from master list

PSU	County	Probability of selection	Number of centers on master list	Number of centers selected for screening	Number users sampled
1	1 Kings, N.Y.	1.0000	115	4	5
	2 Queens, N.Y.	0.9427	74	3	8
	3 Bronx, N.Y.	0.6399	75	5	10
	4 Westchester, N.Y.	0.4214	159	7	8
	5 Nassau, N.Y.	0.6771	186	6	8
	6 Union, N.J.	0.2625	32	2	9
	7 Passaic, N.J.	0.1828	38	4	8
	Totals		679	31	56
2	1 Philadelphia, Pa.	1.0000	169	7	15
	2 Bucks, Pa.	0.3741	19	1	0
	3 Delaware, Pa.	0.7310	15	2	6
	4 Camden, N.J.	0.5182	34	1	2
	Totals		237	11	23
3	1 Cook, Ill.	1.0000	553	11	13
	2 Will, Ill.	0.2718	33	3	7
	3 Kane, Ill.	0.2171	33	3	8
	Totals		619	17	28
4	1 Wayne, Mich.	1.0000	150	6	5
	2 Oakland, Mich.	0.6296	27	2	4
	Totals		177	8	9
5	1 Allegheny, Pa.	1.0000	122	5	4
	2 Westmoreland, Pa.	0.4543	8	0	-
	Totals		130	5	4
6	1 Los Angeles, Calif.	1.0000	987	19	32
	2 Orange, Calif.	1.0000	127	3	9
	Totals		1114	22	41
7	1 Suffolk, Mass	1.0000	120	4	3
	2 Middlesex, Mass. (part)	0.5406	66	5	3
	Totals		186	9	6

Table 2.2 Sample of day care centers from master list (con.)

PSU	County	Probability of selection	Number of centers on master list	Number of centers selected for screening	Number users sampled
8	1 Erie, N.Y.	0.4064	35	2	2
	2 Niagara, N.Y.	0.4064	13	0	-
	Totals		48	2	2
9	1 Milwaukee, Wis.	0.4632	60	3	2
	2 Ozaukee, Wis.	0.1613	3	0	-
	3 Washington, Wis.	0.1613	1	0	-
	Totals		64	3	2
10	1 St. Louis City, Mo.	0.6582	55	4	14
	2 St. Louis, Mo.	0.6582	111	6	4
	3 Madison, Ill.	0.2271	14	3	12
	Totals		180	13	30
11	1 Dallas, Texas	0.5239	429	17	24
	2 Ellis, Texas	0.2290	10	0	-
	3 Kaufman, Texas	0.2290	3	1	2
	Totals		442	18	26
12	1 District of Columbia	0.5352	192	8	7
	2 Prince Georges, Md.	0.2739	116	8	11
	3 Arlington, Va.	0.2209	19	2	1
	4 Alexandria City, Va.	0.2209	28	3	4
	Totals		355	21	23
13	1 Harris, Texas	0.3323	397	24	28
	2 Brazoria, Texas	0.1435	25	3	3
	Totals		422	27	31
14	1 King, Wash.	0.5775	101	6	11
	2 Snohomish, Wash.	0.5775	11	0	-
			112	6	11

Table 2.2. Sample of day care centers from master list (con.)

PSU	County	Probability of selection	Number of centers on master list	Number of centers selected for screening	Number users sampled
15	1 Providence, R.I.	0.2579	33	2	7
	2 Bristol, R.I.	0.0606	4	2	0
	3 Newport, R.I.	0.0606	0	0	-
	4 Washington, R.I.	0.0606	0	0	-
	Totals		37	4	7
16	1 Berkshire, Mass. (part)	0.0257	14	10	5
	Totals		14	10	5
17	1 Bristol, Mass. (part)	0.0403	17	8	9
	2 Plymouth, Mass. (part)	0.0403	0	-	-
	Totals		17	8	9
18	1 Pike, Pa.	0.0228	3	3	0
	2 Sussex, N.J.	0.0228	3	3	3
	Totals		6	6	6
19	1 Bradford, Pa.	0.0209	6	6	2
	Totals		6	6	2
20	1 Douglas, Neb.	0.1362	70	11	23
	2 Sarpy, Neb.	0.1362	3	0	-
	3 Pottowattamie, Neb.	0.1362	11	2	9
	Totals		84	13	32
21	1 Marion, Ind.	0.1734	51	6	21
	2 Boone, Ind.	0.1734	1	0	-
	3 Hamilton, Ind.	0.1734	1	0	-
	4 Hancock, Ind.	0.1734	1	0	-
	5 Hendricks, Ind.	0.1734	1	0	-
	6 Johnson, Ind.	0.1734	1	0	-
	7 Morgan, Ind.	0.1734	1	0	-
	8 Shelby, Ind.	0.1734	1	1	0
	Totals		58	7	21

Table 2.2. Sample of day care centers from master list (con.)

PSU	County	Probability of selection	Number of centers on master list	Number of centers selected for screening	Number users sampled
22	1 Genessee, Mich.	0.1194	13	2	5
	2 Lapeer, Mich	0.1194	0	-	-
	Totals		13	2	5
23	1 Franklin, Ohio	0.2188	144	13	28
	2 Pickaway, Ohio	0.2188	3	0	-
	3 Delaware, Ohio	0.2188	0	-	-
	Totals		147	13	28
24	1 Kendall, Ill.	0.0511	2	1	0
	2 La Salle, Ill.	0.0511	1	0	-
	Totals		3	1	0
25	1 Delaware, Iowa	0.0097	1	1	0
	2 Jones, Iowa	0.0097	1	1	0
	Totals		2	2	0
26	1 Mahaska, Iowa	0.0326	1	0	-
	2 Wapello, Iowa	0.0326	3	2	2
	Totals		4	2	2
27	1 Morgan, Ohio	0.0281	2	1	1
	2 Muskingum, Ohio	0.0281	5	4	8
	Totals		7	5	9
28	1 Franklin, Ill.	0.0467	2	1	4
	2 Jackson, Ill.	0.0467	10	4	7
	3 Williamson, Ill.	0.0467	6	3	17
	Totals		18	8	28
29	1 Hillsdale, Mich.	0.0259	2	1	0
	2 Williams, Ohio	0.0259	1	1	0
	Totals		3	2	0

Table 2.2 Sample of day care centers from master list (con.)

PSU	County	Probability of selection	Number of centers on master list	Number of centers selected for screening	Number users sampled
30	1 New Castle, Del	0.1305	48	7	15
	2 Salem, N.J.	0.1305	5	1	0
	3 Cecil, Md.	0.1305	4	1	0
	Totals		57	9	15
31	1 Hillsborough, Fla	0.2597	174	14	33
	2 Pinellas, Fla.	0.2597	59	7	19
	Totals		233	21	52
32	1 Tom Green, Tex.	0.0173	37	7	9
	Totals		37	7	9
33	1 Wichita, Tex.	0.0507	35	15	21
	2 Archer, Tex.	0.0507	0	-	-
	Totals		35	15	21
34	1 Bexar, Tex.	0.2309	116	10	32
	2 Guadalupe, Tex.	0.2309	8	1	0
	Totals		124	11	32
35	1 Shelby, Tenn.	0.1948	141	15	36
	2 Crittenden, Ark.	0.1948	8	1	2
	Totals		149	16	38
36	1 Pulaski, Ark.	0.0774	102	26	50
	2 Saline, Ark.	0.0774	7	2	4
	Totals		109	28	54
37	1 Lee, Fla.	0.0188	55	28	38
	Totals		55	28	38
38	1 Little River, Ark.	0.0165	3	3	5
	2 Sevier, Ark.	0.0165	3	3	4
	3 Howard, Ark.	0.0165	2	2	3
	4 Polk, Ark.	0.0165	4	4	8
	Totals		12	12	20

Table 2.2. Sample of day care centers from master list (con.)

PSU	County	Probability of selection	Number of centers on master list	Number of centers selected for screening	Number users sampled
39	1 Refugio, Tex.	0.0188	0	-	-
	2 Bee, Tex.	0.0188	6	6	4
	3 Calhoun, Tex.	0.0188	4	4	11
	Totals		10	10	15
40	1 George, Miss.	0.0286	7	5	5
	2 Jackson, Miss.	0.0286	61	21	18
	Totals		68	26	23
41	1 Mississippi, Ark.	0.0272	8	6	6
	Totals		8	6	6
42	1 Allegany, Md.	0.0440	10	4	-
	2 Garrett, Md.	0.0440	5	3	-
	Totals		15	7	-
43	1 Nowata, Okla.	0.0197	2	2	-
	2 Washington, Okla.	0.0197	8	8	18
	Totals		10	10	18
44	1 Sunflower, Miss.	0.0462	9	4	2
	2 Washington, Miss.	0.0462	23	10	7
	Totals		32	14	9
45	1 Montgomery, Tenn.	0.0287	7	5	11
	2 Stewart, Tenn.	0.0287	2	1	2
	3 Houston, Tenn.	0.0287	0	-	-
	Totals		9	6	13
46	1 Washington, Va.	0.0317	3	2	3
	2 Dickerson, Va.	0.0317	0	-	-
	3 Russell, Va.	0.0317	0	-	-
	4 Bristol City, Va.	0.0317	5	3	4
	Totals		8	5	7
47	1 San Diego, Calif.	0.2481	86	6	15
	Totals		86	6	15

Table 2.2. Sample of day care centers from master list (con.)

PSU	County	Probability of selection	Number of centers on master list	Number of centers selected for selection	Number users sampled
48	1 San Joaquin, Calif.	0.0743	19	5	12
	Totals		19	5	12
49	1 Santa Cruz, Calif.	0.0308	14	10	9
	2 San Benito, Calif.	0.0308	9	5	1
	Totals		23	15	10
50	1 Gila, Ariz.	0.0094	4	4	2
	Totals		4	4	2
51	1 Grand, Utah	0.0139	0	-	-
	2 Emery, Utah	0.0139	0	-	-
	3 Uintah, Utah	0.0139	1	1	
	4 San Pete, Utah	0.0139	0	-	-
	Totals		1	1	
52	1 Providence, R.I. (part)	0.0416	0	-	-
	2 Kent, R.I. (part)	0.0416	7	3	2
	3 Newport, R.I. (part)	0.0416	6	3	0
	4 Washington, R.I. (part)	0.0416	2	1	0
	Totals		15	7	2

D. Selection of the general population sample

The general population sample contains both users and nonusers, but the identification of the respondent is affected by his place of residence rather than the enrollment of his children in organized day care. Within the selected counties, small geographic units (such as city blocks) were selected with known probability. The households in such areas were then sampled permitting extrapolation to national estimates.

We have seen, above, how the county was selected with known probability. We now consider how the county was subdivided into identifiable sample segments that were selected with known probabilities.

The basis for such subdivision is the maps prepared by the Bureau of the Census for the 1970 Census. There are three such series of maps.

1. County maps (usually prepared from county highway maps). These maps show Census enumeration districts (EDs) and tract boundaries of counties which have been tracted. (All counties in SMSAs have been tracted and parts of some other counties.) Some county maps show a "county tie-in-line", inside of which geographic detail is shown on the metropolitan map series (see below).

2. Metropolitan map series (essentially covering the urbanized area of SMSAs). Tracts are shown. In addition EDs are shown within tracts throughout those SMSAs where the Census was not taken by mail and in some of the outlying areas covered by metropolitan maps in the other SMSAs. In most areas, block numbers are given, coded in such a manner that they can be aggregated into "block groups", essentially equivalent to EDs. Towns and small cities outside the county tie-in-line (if any) appear on maps of "places".

3. Place maps (usually base maps of various local planning agencies). These maps give street and block details within EDs.

Prior to release by the Bureau of the Census of small geography identification (the MEDLIST), the above series of maps is the only usable source of data for small geography identification. Therefore, the county and metropolitan series maps were obtained for the counties and SMSAs in the sample and the necessary place maps were obtained as they were identified in the sampling process.

Units of area to be covered by an interviewer were drawn in two stages. The first stage selected EDs outside the county tie-in-line and tracts inside. EDs contain, on the average, about 800 persons and tracts contain about 4000. When the sample of tracts or EDs was selected, a sample of blocks was drawn within the selected EDs or tracts. In unblocked EDs, the ED was subdivided by streets, roads, railroads, and rivers to form pieces of geography that could be recognized by the interviewer. These pieces are also called "blocks" for simplicity.

Inside the tie-in-line, we obtained comprehensive lists of tracts as well as lists of those tracts in central cities tentatively identified as poverty areas by the Bureau of the Census. The latter were sampled most heavily, but the nonpoverty tracts were sampled more heavily than areas outside of the tie-in-lines (above). Some notation will be useful in explaining the sample allocation.

Let P_{hij} = probability of drawing the j^{th} county in the i^{th} PSU, h^{th} stratum.

M_{hijk} = number of tracts (or EDs) in sample weight group k within the j^{th} county. (k = 1 for poverty tracts inside central cities, k = 2 for nonpoverty tracts inside central cities, k = 3 for urbanized areas outside of central cities and k = 4 for EDs outside tie-in-lines and for counties not in SMSAs.

m_{hijk} = number of tracts (or EDs) selected in the sample weight group k (within hij).

N_{hijk} = number of blocks in weight group k (within hij).

$\bar{N}_{hijk}$ = average number of blocks per tract (or ED) in weight group k

Q_{hijk} = estimated number of households in weight group k within hij).

$\bar{Q}_{hijk}$ = Q_{hijk}/M_{hijk} = average households per tract (ED).

$\bar{\bar{Q}}_{hijk}$ = Q_{hijk}/N_{hijk} = average households per block

a_k = expected eligibility rate.

Then $12/a_k \bar{Q}_{hijk}$ is a first approximation to the desired subsampling fraction from the selected tracts (EDs) within weight group of county hij.

We then set

$$f_k = P_{hij} \frac{m_{hijk}}{M_{hijk}} \frac{12/a_k}{\bar{Q}_{hijk}}$$

using the values for this selected county, all of which are now known except m_{hijk}. Then

$$m_{hijk} = \frac{f_k M_{hijk} \bar{Q}_{hijk} a_k}{12 P_{hij}}$$

Although it is not necessary, it was convenient (and perhaps a closer approximation to optimum allocation) to use the nearest integral value (greater than zero) for m_{hijk}, so we rounded it to this integral value. This gave us the m_{hijk} to use in selecting the sample of tracts (EDs) within area hijk, i.e.,

$\frac{1}{k'_{hijk}} = \frac{m_{hijk}}{M_{hijk}}$ as indicated above, using the rounded value of m_{hijk}.

We then substituted this value in the overall sampling fraction to obtain the final value for k''_{hijk}, the block subsampling fraction. Then,

$$f_k = P_{hij} \frac{1}{k'_{hijk}} \frac{1}{k''_{hijk}}$$

or

$$k''_{hijk} = \frac{P_{hij}}{f_k k'_{hijk}}$$

We now applied the block subsampling fraction to the sampled tracts.*

Blocks were selected with equal probability and, once selected, were canvassed completely. It was important therefore to define blocks that are not too large so that very large numbers of responses would not be obtained from any one block. In order to accomplish this objective in blocked areas, i.e., in tracts in which block numbers have been assigned, the following procedures were implemented.

1. The blocks within the tract were identified and the number of block groups determined.

2. One block group was selected with probability proportional to number of blocks as initially defined. (Block groups with less than five

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*The following adjustment in sampling was made for certain counties for types of area k = 3 and k = 4:

1. If the initially computed value of m_{hijk} for a county was less than 10 then one-fifth of such county-type areas were subsampled for retention in the final sample. Consequently P_{hijk} for each of these was divided by five, and the remaining factors recomputed.

2. If the initially computed value of m_{hijk} was equal to or greater than 0.10 and less than 0.30, then one-third of such county type areas were subsampled for retention in the final sample. Consequently, P_{hijk} for each of these was divided by three, and the remaining factors recomputed.

3. County-types dropped from the sample by this procedure were crossed off the worksheets. For those retained in the sample, the original P_{hijk} was crossed out, a new value recorded, and the remaining computations redone, as originally, but with the new value for P_{hijk}.

blocks were merged with others so that the final block groups to be sampled contained five or more blocks.

Let P_{BG} = the probability of selecting the particular block group that was selected.

Then $P_{BG} = \dfrac{\text{number of initial blocks in this block group}}{\text{number of initial blocks in the entire census tract}}$

3. The selected block group was cruised by the interviewer to determine any blocks which had in excess of 200 estimated housing units.

4. The interviewer identified portions of such large blocks such as apartment buildings, floors of apartment buildings (or wings), each of which contained no more than 100 housing units. These were treated as blocks in the subsampling process.

Let M'_{hijk} be the number of blocks selected in the block group, after any such subdivision of blocks was accomplished. We obtained a subsampling fraction for the selected block group as follows:

We have $\dfrac{1}{k''_{hijk}}$ as the desired subsampling fraction for the census tract. We sampled a block group (sometimes enlarged so that the block group contained five or more blocks, or alternatively, the entire tract in case there were not enough block groups to meet this condition) with a probability equal to P_{BG}.

Then

$$\frac{1}{k'''_{hijk}} = \frac{1}{k''_{hijk} \cdot P_{BG}}$$

or

$$k'''_{hijk} = k''_{hijk} \cdot P_{BG}$$

and we included in the sample one in k'''_{hijk} of the M'_{hijk} blocks in the selected block group. We carried k'''_{hijk} to two decimal places. The procedure for selecting the blocks was to choose a three or four digit random number between one and k'''_{hijk}, and successively to add k'''_{hijk} to it, recording each result. Then each such result was rounded to the next higher number, to determine the selected blocks. The process is illustrated in the following table, which represents a portion of the worksheet used.

Random number and successive sums of k'''_{hijk}	Selection number (i.e., serial number of blocks to be selected)
1.47	2
7.78	8
14.09	15

In unblocked tracts inside the tie-in-line one ED was selected with equal probability. It was subdivided into pseudo blocks which were cruised and treated as above. In this case P_{BG} = 1/(number of EDs in the tract)

EDs outside the tie-in-lines were treated as above except, of course, there was no subsampling of block groups or EDs. When the base maps appeared to show sufficient "culture" of a recent enough date the cruising step was omitted.

In noncertainty PSUs, strata were collapsed into groups in pairs or triples with similar characteristics, to provide a means of estimating sampling error.

Following are estimates for the total U.S. used in establishing the standard sampling fractions:

Category of population	(Q_k) Estimated total housing units (millions)	(A_k) Estimated eligibility rate (percent)	$(A_k\ Q_k)$ Estimated total households eligible (millions)	Desired sample	Standard sampling fractions f_k
Central cities					
Poverty areas	5.0	16	0.80	600	0.00075
Nonpoverty areas	13.0	10	1.30	600	0.00045
SMSA outside central cities	20.0	7	1.40	400	0.00030
Other	23.0	12	2.76	800	0.00030
	61.0	10	6.26	2,400	

An example of the sample allocation for the Washington, D.C., SMSA is shown in Table 3.1.

Column (h) of Table 3.1 shows the number of tracts (or EDs) chosen in each area category within the PSU, and Column (j) shows the fraction of blocks selected. Only whole blocks were selected, after application of the rules to select block groups or EDs within selected tracts and after application of the procedures to avoid extremely large blocks. Thus, if there were 15 "blocks" in the selected ED in Prince George's County outside the area covered by the Metro Map Series the selection was made as follows:

1. The 15 "blocks" were numbered and listed.

2. The sampling rate of 0.0175 was converted to a sampling interval by taking its reciprocal, i.e., 1/0.0175 = 57.14.

3. A random number between 0 and 5,714 was chosen. If it was equal to or less than 1,500, the first two digits minus one identified the block to be chosen. A greater number caused no block to be chosen and hence no representation of this area category in the Washington SMSA PSU.

When a block was identified, it was canvassed completely, and the interviewer was required to produce an address listing for the block which could be used to check the accuracy of her canvass.

The interviewer screened all households for eligibility (discussed elsewhere) and obtained interviews with those determined to be eligible. Also, during the canvass, she identified all homes which care for children of others for compensation and obtained interviews from them according to rules provided to her.

IV. Estimates and variances

Let $x_{hijk\ell}$ be an observation on the ℓ^{th} sample unit (household, user, or operator) in the k^{th} class of area segment in the j^{th} county of the i^{th} PSU from the k^{th} stratum. For example, $s_{hijk\ell}$ might equal one for

Table 3.1 Sample allocation within the Washington, D.C. SMSA

Area category	k	M_{hijk} Number of tracts	Q_{hijk} Est. hh per tract	f_k	P_{hijk}	Estimated eligibility rate	m_{hijk} $\frac{(c)(d)(e)(g)}{12(f)}$	$\frac{1}{k'_{hijk}}$ (h)÷(c)	$\frac{1}{k''_{hijk}}$ (e)/(f)(i)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Poverty area, D.C.	1	75	1,800 E	0.00075	0.5352	0.16	3	0.0400	0.0350
Non-poverty area, D.C.	2	76	1,800 E	0.00045	0.5352	0.10	1	0.0132	0.0637
Other metro map areas									
Prince George's Co.	3	142	1,202	0.00030	0.2739	0.07	1	0.0070	0.1562
Alexandria City	3	29	1,184	0.00030	0.2209	0.07	1	0.0299	0.0454
Arlington Co.	3	38	1,518	0.00030	0.2209	0.07			
Outside metro map areas									
Prince George's Co.	4	16*	240 E	0.00030	0.2739	0.12		0.0625	0.0175

* EDs

E Estimated because of lack of 1970 Census data the attribute "has an educational program" and zero otherwise, or $x_{hijk\ell}$ might be the income of user. Each $x_{hijk\ell}$ receives a weight from the sample design and from the adjustment for nonresponse. Denote the weight by w_{hijk}. An estimate of the overall population characteristic is given by

$$\hat{X} = \Sigma_{h,i,j,k,\ell}\, w_{hijk}\, x_{hijk\ell}$$

An overall ratio estimate may be introduced for the household sample estimates as follows:

Let $\hat{Y}$ = estimate of total households in the United States from the sample results as indicated immediately above,

i.e., $\hat{Y} = \Sigma_{h,i,j,k\ell}\, w_{hijk}\, y_{hijk\ell}$

and Y = total number of households in the United States from 1970 Census.

Then the ratio estimate of an overall population characteristic is

$$X' = \frac{Y}{\hat{Y}}\hat{X}$$

For purposes of estimating variances, the noncertainty PSUs were classified into groups of two or more. This procedure resulted in construction of 28 collapsed strata subdivided into components as shown in Table 4.1. Then, using the same procedure as above estimates will be made separately for each subgroup (59 all together grouped into 28 collapsed strata, see Table 4.1). These estimates are as follows:

$$x'_{h'g} = \Sigma_{i,j,}\ \text{e.g.}\ \Sigma_{kl}\, w_{hijk}\, x_{hijk\ell}$$

Then, the covariance between the characteristics x and y is estimated by

$$\operatorname{cov}\hat{X}\hat{Y} = \Sigma_{h'}\,\Sigma_{g}\,\frac{N_{h'}}{N_{h'}-1}\left(x'_{h'g} - \frac{A_{h'g}}{A_{h'}}\,x'_{h'}\right)\left(y'_{h'g} - \frac{A_{h'g}}{A_{h'}}\,y'_{h'}\right)$$

where N is the total number of collapsed strata (28), and $N_{h'}$ is the number of strata in the h'th collapsed stratum (h' = 1, ..., 28 g = 1,..., $N_{h'}$) $A_{h'g}$ is the 1960 population in the collapsed stratum and $x'_{h'} = \Sigma_g x'_{h'g}$.

Table 4.1 Regrouping of strata for estimation of sampling errors

Collapsed stratum h'	Subgroup (stratum number)		
	g = 1	g = 2	g = 3
1	1 odd	1 even	
2	2 odd	2 even	
3	3 odd	3 even	
4	4 odd	4 even	
5	5 odd	5 even	
6	6 odd	6 even	
7	7 odd	7 even	
8	22	23	
9	10	9	
10	12	30	
11	11	13	
12	31	33	
13	47	14	
14	15	17	
15	8	16	21
16	18	19	
17	24	20	
18	25	27	
19	26	28	
20	29	46	
21	32	34	52
22	35	36	
23	37	38	40
24	39	45	
25	41	43	
26	42	44	
27	48	51	
28	50	49	

The estimated coefficient of variation of the ratio of Y to X is

$$CV\ (\hat{Y}/\hat{X}) = \sqrt{\frac{\text{var}\ \hat{X}}{\hat{X}^2} + \frac{\text{var}\ \hat{Y}}{\hat{Y}^2} - 2\ \frac{\text{cov}\ \hat{X}\ \hat{Y}}{\hat{X}\ \hat{Y}}}$$

where var $\hat{X}$ is found from the covariance formula by replacing y by x and the reverse for var $\hat{Y}$. The estimated coefficient of variation of $\hat{X}$ is

$$CV\ (\hat{X}) = \sqrt{\text{var}\ \hat{X}/\hat{X}^2}$$

V. The special sample of school districts

As indicated on page 2 of this report the original plans to interview community leaders were abandoned. Instead, it was decided to do a mail survey of school districts in order to get information on the availability of

a) Day care for pre-school children

b) Before and/or after school care for school age children

The sample of school districts was drawn from "Education Directory. Public School Systems 1969-70", published by the National Center for Educational Statistics. All of the school districts with an enrollment of 300 or more pupils were included in the sample if they were located in one of the counties selected for the Day Care Sample. Where the Day Care Sample included only parts of a county (for example, PSU 7 Middlesex County) the school district sample included all of the school districts in the whole county, since it would have been impossible to sort out the school districts in the sampled part of the county only.

A total of 1,400 school districts are included in the sample. The pupil population for these districts is given as 11,669,662. The numbers of districts, schools and pupils are shown for each PSU in Table 5.1.

Table 5.1 Sample of school districts for special mail survey

PSU	Number of districts	Number of schools in district	Enrollment (thousands)
1	136	1,785	1,801
2	77	712	572
3	177	1,382	1,108
4	66	*	813
5	78	734	376
6	112	2,052	1,845
7	56	766	395
8	40	382	271
9	32	329	229
10	37	*	385
11	28	369	297
12	4	462	337
13	28	529	410
14	31	512	317
15	39	383	170
16	11	73	26
17	47	342	154
18	17	32	18
19	7	48	17
20	19	208	117
21	41	355	334
22	26	*	135
23	23	301	188
24	19	58	27
25	7	30	8
26	6	38	15
27	8	59	23
28	15	77	21
29	15	*	17
30	24	177	109
31	2	233	178
32	2	39	15
33	8	53	27
34	19	254	191
35	7	*	171
36	6	96	68
37	1	29	18
38	12	33	9
39	7	35	14
40	5	36	24
41	11	38	17
42	2	57	22
43	4	*	11
44	7	42	31
45	3	*	16

Table 5.1. Sample of school districts for special mail survey (con.)

PSU	Number of districts	Number of schools in districts	Enrollment (thousands)
46	4	64	22
47	35	371	295
48	9	119	68
49	9	51	19
50	7	21	7
51	5	36	11
52**			

* Not available
** Included with PSU 15

VI. Nonresponse and other adjustments

In general, weights were adjusted for nonresponse by dividing by the response rate, that is the ratio of weighted completed interviews to weighted total interviews attempted. For some of the samples, separate response rate adjustments were made for SMSAs and nonSMSA strata. Nonresponse adjustments (i.e., factors to be multiplied by the basic sampling weights) are as follows:

Sample of day care centers	
SMSA	1.155
NonSMSA	1.044
Sample of households (including the "captured" sample of day care homes)	
SMSA	1.309
NonSMSA	1.196
Special sample of school districts	1.108

Comparison of projected number of housing units with number of housing units reported by the Bureau of the Census* revealed an undercount by the survey. A further adjustment of weights for the household (and day care home) portions of the survey corrected for such undercoverage. The undercoverage adjustments are as follows:

SMSAs	1.027
NonSMSA areas	1.389

The details of the adjustments are shown in the main text in Section 4.2.

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*Data from the current Population Survey

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APPENDIX B

FIELD PROCEDURES

APPENDIX B

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APPENDIX B

FIELD PROCEDURES

B. 1. Introduction

Westat's central office personnel conducted briefing and training sessions for the field staff in three cities (Chicago, Dallas and Washington, D. C.). After training, the field staff executed most of the field work with the central office conducting the supervision and coordination of procedures. The field work is listed below, and a description of these operations follows.

- Listing of Day Care Centers
- Sampling of centers and first personal contact with those selected*
- Screening of centers (Day Care Center Sample Screening Form)
- Interviewing of operators (Day Care Center Survey Operator Questionnaire, Long Form)
- Identifying users (User of Day Care Centers Calling Form)
- Interviewing of users (Parent Questionnaire)
- Selecting the area sample*
- Area cruising (Area Cruising Description Form)
- Subsampling of block groups and EDs*
- Area sample screening (Door-to-Door Call Record Forms) and (Screening Questionnaire)
- Interviewing for area sample (Day Care Center Survey Operator Questionnaire,) Long Form or Short Form or (Parent Questionnaire)
- Mail survey and following mailing to school officials. (Public School Day Care Programs)*

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* Tasks performed by Westat personnel at the central office

B.2. Survey of centers

Westat made telephone calls to obtain information about the availability of lists of day care facilities (centers and homes) and also to obtain cooperation of the agencies. These calls were made to county and/or state Community Action Agencies* (OEO); welfare or social service agencies, and local child day care councils in the selected PSU's or counties. As a follow up, we mailed letters to those agencies and individuals contacted explaining the purpose of the study and soliciting their cooperation.

B.2.1. Listing of centers

Westat's field staff obtained lists of names and addresses of day care facilities (centers and homes) from one or more of the following sources in the selected sample of counties:

a. Licensing authorities (county, municipal or state)
b. Telephone directories (yellow pages)
c. Community Action Agencies
d. Principal church organizations
e. Other known sources of compiled lists, e.g., child day care councils, family and child services, child care associations

Field representatives also requested lists of day care facilities whose licenses were pending or those who were applying for licenses. We made no attempt to identify or obtain lists of unlicensed facilities, although some lists obtained by our field staff contained a few facilities identified as unlicensed. Of the 289 centers surveyed, 28 were unlicensed.

The amount of under-reporting of day care facilities is unknown. Many state, municipal and county agencies reported their lists were incomplete due to a lack of staff, funds or other reasons. In addition, the licensing of day care facilities in some counties and states is voluntary. The main purposes of this study are served without reference to the amounts of under-reporting.

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*Listing obtained from Office of Economic Opportunity (OEO) Community Action Agency Atlas.

B.2.2. Classification of centers

For list construction purposes the day care facilities were classified as follows:

B.2.2.1. Day care center - 13 or more children.

B.2.2.2. Group day care home - 7 to 12 children.

B.2.2.3. Family day care home - 1 to 6 children, inclusive, at least one of whom is not a member of the operator's family.

It was found that the group day care homes made up a very small proportion of the universe and hence it would be too costly to sample as a separate stratum. The stratum was combined with that of the centers prior to drawing the sample.

The central office compiled, by county, the universes of day care centers to be sampled from listings received from the above sources. In most cases, the lists received from the licensing authority (typically in most counties, the Department of Welfare or Social Services) were established as "master lists". All other listings of day care centers and facilities, including those from the yellow pages, were cross-checked against the master lists. Duplicates, identified either by name of the center and/or address, were eliminated.

The following identifiable day care facilities were defined as ineligible and were eliminated from the final compilations:

a. Facilities with programs of less than 7 hours per day.
b. Programs for the mentally retarded or handicapped.
c. Foster homes
d. Day care facilities located on military reservations.
e. Montessori schools.
f. Facilities located outside of areas (county or city) selected in the sample.

Lists received for a particular county were cross-checked and those duplicated and defined as ineligible were eliminated. The remaining centers were then added to that county's master list and tabulated. We included on the master lists centers for which we lacked information on capacity or hours of operation. A number was given to each center within each county. The numbers were recorded for sampling purposes.

B.2.3 Sampling of centers

The actual sampling of centers was done at our central office. The sampling procedure applied, along with modifications, is described in detail in Appendix A of this report. Each field representative received a list of centers for screening.

Letters from OEO were mailed to directors of the selected centers soliciting their cooperation. Copies of the OEO letter were also furnished to Westat's field representatives to be used in the event an operator or director had not received the mailed letter.

B.2.4. Screening

Many of the lists of day care facilities received from the field were incomplete as to the hours of operation. Therefore, centers or homes selected in the sampling process were screened to determine whether or not at least 7 hours' care per day was provided for any of the enrolled children.

The field staff was instructed to telephone, or personally contact, each center selected, recording the results on the Day Care Center Sample Screening Form. If the facility provided 7 hours or more of day care for at least one of the enrolled children the field representative was to make an appointment to interview the operator. The screening interview was terminated if the operator refused to be interviewed or if the facility did not provide 7 hours per day of day care.

B.2.5. Interviewing

The field staff used the Day Care Center Survey Operator Questionnaire (long form) to interview the operators of eligible day care facilities. They used an abbreviated form of this instrument if there were less than seven full-day enrollees. Copies of both the long and short form of the Operator Questionnaire and the instructions for their use are included in Appendix E of this report.

Field staff interviews were verified by telephoning the operators of centers to make sure they had been interviewed and that answers were correctly recorded. These telephone calls were made by central office personnel as a spot check rather than 100 percent verification.

B.3. Survey of listed users (parents) of day care centers

B.3.1. Definition of listed users

For purposes of this study we have defined users of organized day care as those persons responsible for making the children's day care arrangements. A description of the sampling procedure used to select a sample of users is given in Appendix A of this report.

B.3.2. Identification of listed users

Users of day care facilities were identified in two ways:

a. From records or lists of children's or parents' names maintained by the operators of eligible day care facilities and

b. from our area probability sample of non-users.

The tabulation of users given in Section 3 of the summary report is restricted to the sample of parents selected from the lists provided by the center operators. A small number of users of organized day care were identified in the area sample, but no attempt was made to identify the centers involved. The area sample user questionnaires were tabulated with all other area parent questionnaires as set forth in Section 4 of the summary report.

The field staff was instructed to solicit from the operator of each center a list of either the names of enrolled children or the names of mothers of enrolled children. A random sample procedure, based on the enrollment size of the facility or the number of mothers, was used by the interviewer to select or identify a sample of mothers or users to be interviewed. The random procedure was carefully explained and reviewed during the training sessions. It was again outlined in the instructions to the field staff. A copy of the form "Sampling Listed Users of Day Care Centers", used in the field for the task is included with other questionaire forms in Appendix E of this report.

Procedures for interviewing users from the area probability sample will be discussed later.

B. 3. 3. Interviewing of listed users

The field representatives contacted the users by telephone to set up appointments for completing interviews. The Parent Questionnaire was used for these interviews. A copy of the Parent Questionnaire and the instructions to the interviewer for its use are included in Appendix E of this report. Each representative listed the names of users which he obtained from the operators on the "Users of Day Care Centers Calling Form", which they returned to the central office after appointments with users were completed.

B.4. Area sample

B.4.1. Description

The sample design may be described briefly as a stratified area probability sample of the 48 conterminous states and the District of Columbia. Westat patterned the basic design after the Current Population Survey of the Bureau of Census. (See Appendix A for details.)

B.4.2. Selection of areas

The selection of areas - tracts or census enumeration districts (EDs) - was done at our central office. (The procedure used is described in the "Sample Design" in Appendix A of this report.) Census maps identifying the selected tracts (block groups) or EDs were mailed to the field staff in each of the PSUs along with instructions for the cruising of areas.

B.4.3. Area cruising

The field representatives were instructed to cruise around each block and observe the number and type of dwelling units. If a particular block or enumeration district contained more than 200 dwelling units, the representative was to produce a sketch map of the area, identifying the clusters of dwelling units in such a way that the block could be subdivided prior to subsampling. Representatives recorded the addresses, number of units, and the number of floors of all large apartment complexes in a single block. Also blocks containing only office buildings, warehouses, industrial complexes, business establishments, college facilities and areas containing parklands, farmlands or military reservations were identified and recorded. A cruising report form was used to record the characteristics of each block. Following the cruising the report forms were mailed in to Westat for subsampling.

If the interviewer, after cruising, reported that a given block contained more than 200 dwelling units, the particular block was divided into pseudo-blocks containing no more than 200 dwelling units. In cases where a block contained a large apartment complex, pseudo-blocks were created by subdividing the apartment building. For instance, taking the first five floors as pseudo-block A and the sixth to tenth floor as pseudo-block B, the rest of the block would form a third pseudo-block. For the purpose of selecting blocks for canvassing, a pseudo-block was treated the same as any other block.

B.4 .4 Subsampling of block groups and EDs

The procedure used for subsampling block groups and EDs was the following: Within each tract a list of all blocks was made. A random number was picked between one and the total number of blocks within the tract. The block group into which this block fell was then selected. (A block group consists of all blocks with the same beginning digit, as shown in the example below.)

Tract No. 5

Block Group 100	Block Group 200	Block Group 300
101	201	301
102	202	302
103	203	303
104	204	304
105	205	305
	206	306
		307

The method for selecting which block group would be canvassed follows:

Total number of blocks = 18

Random number between 1 and 18 = 6

The sixth block is 201

Thus, in this example the block group selected for cruising is block group 200.

If a block group contained less than five blocks it was combined with the preceding block group in order to form a block group of at least five blocks. If the first block group contained less than five blocks, it was combine with the last block group

B.4.4.1. Rural EDs - Blocks were identified and then drawn on maps. Depending on the number of blocks identified and on the sampling interval in the particular ED, the field staff was instructed either to cruise the identified blocks in the ED or to canvass the entire ED.

B.4.4.2. Urban EDs - Blocks and block groups were identified in the same way as in tracts. The entire ED was considered as a block group and the selection of blocks to be canvassed was made in accordance with the same principles as in the case of tracts. (See Appendix A on sampling.)

B.4.5. Screening and interviewing of area residents

B.4.5.1. Block assignments

Once blocks were identified, our field director mailed a list of the selected blocks to the field staff with instructions for canvassing.

The central office prepared maps of the areas selected into the sample and sent them to the interviewers in each PSU. These maps specified the blocks to be canvassed and contained sufficient detail to permit the interviewer to clearly identify the boundaries. The interviewers were instructed to prepare a listing of all dwelling units that were located within the specified boundaries. These lists were prepared on the Door to-Door Call Record Forms provided. (See copy included in Appendix E.)

When the interviewer completed the listing of dwelling units she attempted to contact the residents of each unit. If she was unsuccessful on the first attempt she was to complete two callbacks. Specifications required that the second and third attempts be in the evening or on the weekend to include persons who are normally not home during the daytime.

The interviewer provided the following information on the Door-to-Door Call Record Form:

a. the date the call was made for the 1st, 2nd and 3rd attempts
b. the time of day these calls were made
c. the result of each attempt, e.g., not at home, not eligible, etc.

To check the accuracy and completeness of the Door-to-Door Calling Forms we checked the lists compiled by our interviewers against the Polk Directory of addresses. In large cities which are not covered by the directory we engaged additional local personnel who were not acquainted with the survey and had them list all the addresses in specified blocks.

B.4.5.2. Screening procedures and questionnaire selection

The interviewer asked to speak to the lady of the household at each dwelling unit and attempted to complete the Screening Questionnaire.

The Screening Questionnaire was designed to categorize the respondents so that the interviewer could select the correct questionnaire for further interviewing. The following questionnaires were used if the respondents met each of the indicated specifications:

- Day Care Center Survey Operator Questionnaire (long form)
  - a. A member of the household cared for children on a regularly scheduled basis.
  - b. Child care was provided at least 2 days per week and at least 7 hours per day.
  - c. Parents of the children paid for this care.
  - d. A second person from outside the household helped with the care of the children most of the time they were there.
- Day Care Center Survey Operator Questionnaire (short form: for Family Day Care Homes)
  - a. A member of the household cared for children on a regularly scheduled basis
  - b. Child care was provided at least 2 days per week and at least seven hours per day.
  - c. Parents of the children paid for this care.
- Area Parent Questionnaire
  - a. There were children living in the household who were 9 years of age or younger.
  - b. Total family income (before taxes) was less than $8,000 a year.
  - c. Day care was not provided in the household for children from outside the home.

B.4.5.3 Terminating with screening interview

The interview terminated with the screening interview for those persons who did not have children 9 years of age or younger and did not take care of other children in their home. It also terminated for respondents who had children 9 years of age or younger. but whose family income last year exceeded $8,000. Samples of the Screening, Operator and Parent Questionnaires are included in Appendix E of this report.

If a household had an eligible respondent on the basis of their response to income, etc., data was obtained on all children in the household through the age of 13 years.

Selected screening forms where the respondent was reported as ineligible were verified by telephone to check the accuracy of the interviewer.

B.5 Mail questionnaire to school superintendents

A mail survey questionnaire was designed for completion by public school district superintendents. The purpose of this questionnaire was to obtain data on day care activities for both preschool and school age children.

The questionnaire and a letter from OEO explaining the purpose of the survey and requesting cooperation was mailed to 1,400 public school district superintendents. Every school district with more than 300 students, in the counties or PSUs used in the survey of day care facilities, was included.

There were two mailings; a followup request to nonrespondents was sent out 17 days after the original mailing. A letter from OEO requesting cooperation was included with each, and an additional letter from Westat was enclosed with the second.

The response and tabulation of the data received is given in Appendix G and Section 6 of this report.

APPENDIX C

RESPONSE AND VALIDATION

APPENDIX C

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APPENDIX C

RESPONSE AND VALIDATION

C.1 Response rates

C.1.1 Introduction

Ninety percent of the operators of eligible day care centers and 71 percent of the users selected from them were interviewed. Screening questionnaires were completed in 74 percent of the dwelling units identified in the area sample.

The day care study breaks down into four components for discussion of responses or tabulations of responses. Sample size, response rates, and a detailed breakdown of responses by PSU for each of the following components will be discussed separately.

a. Day care center sample in which operators of eligible centers were interviewed.

b. User sample drawn from lists provided by the operators of eligible centers.

c. Area probability sample identifying both users and nonusers of day care facilities and family day care homes.

d. Mail survey of school district superintendents.

The sampling weights and necessary adjustments used for each of the above samples are discussed in Appendix A, "Sample Design".

Responses for the school superintendent survey are presented in Appendix G.

C.1.2 Day care center sample

Of the 551 centers selected for screening, 64 percent were found eligible and 36 percent were found ineligible. Centers were eligible if they provided 7 hours or more of day care for at least one of the enrolled children. Ninety percent of the operators of eligible centers were interviewed, while 10 percent refused to cooperate or be interviewed.

After compiling a master list of centers (method used to compile this list is discussed in Appendix B, "Field Procedures") and screening the centers to determine which were eligible, 350 centers were contacted for interviewing. The directors of the centers received a letter from OEO discussing the purposes of the survey before they were contacted by field staff. Directors who refused to be interviewed were telephoned from the central office to solicit their cooperation and reiterate the importance of the study. If the director refused again, the field staff was instructed to terminate attempts to interview. The responses for all PSUs for the center sample are totaled below:

Number of centers from master list	6,276
Total centers selected for screening	551
Responses to screening	551
Centers found ineligible (36 percent)	201
Number of eligible centers (64 percent)	350
Refusals (10 percent)	34
Interviews completed (90 percent)	316

Individual PSU and county responses are tabulated in Table C. 1.

There were 27 interviews completed with operators who had a full day enrollment of less than seven children. These were later transferred to the family day care home questionnaires and tabulated with that group. Thirty-four users who had been selected from these centers and interviewed were deleted from the parent user file before tabulation.

Table C.1 Day care center operator response rate

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
1	1 Kings, N. Y.	4	2	2	2	0
	2 Queens, N. Y.	3	2	1	2	0
	3 Bronx, N. Y.	5	2	3	1	1
	4 Westchester, N. Y.	7	3	4	3	0
	5 Nassau, N. Y.	6	2	4	2	0
	6 Union, N. J.	2	2	0	2	0
	7 Passaic, N. J.	4	3	1	3	0
	Totals	31	16	15	15	1
2	1 Philadelphia, Pa.	7	7	0	7	0
	2 Bucks, Pa.	1	1	0	1	0
	3 Delaware, Pa.	2	2	0	2	0
	4 Camden, N. J.	1	1	0	1	0
	Totals	11	11	0	11	0
3	1 Cook, Ill.	11	4	7	4	0
	2 Will, Ill.	3	3	0	2	1
	3 Kane, Ill.	3	2	1	2	0
	Totals	17	9	8	8	1
4	1 Wayne, Mich.	6	3	3	3	0
	2 Oakland, Mich.	2	1	1	1	0
	Totals	8	4	4	4	0

Table C. 1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
5	1 Allegheny, Pa.	5	2	3	2	0
	2 Westmoreland, Pa.	0	-	-	-	-
	Totals	5	2	3	2	0
6	1 Los Angeles, Calif.	19	9	10	8	1
	2 Orange, Calif.	3	2	1	2	0
	Totals	22	11	11	10	1
7	1 Suffolk, Mass.	4	2	2	2	0
	2 Middlesex, Mass. (part)	5	2	3	1	1
	Totals	9	4	5	3	1
8	1 Erie, N. Y.	2	0	2	-	-
	2 Niagara, N. Y.	0	-	-	-	-
	Totals	2	0	2	0	0
9	1 Milwaukee, Wis.	3	2	1	2	0
	2 Ozaukee, Wis.	0	-	-	-	-
	3 Washington, Wis.	0	-	-	-	-
	Totals	3	2	1	2	0

Table C.1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
10	1 St. Louis City, Mo.	4	3	1*	3	-
	2 St. Louis, Mo.	6	2	4	2	0
	3 Madison, Ill.	3	3	0	3	0
	Totals	13	8	5	8	0
11	1 Dallas, Texas	17	15	2	12	3
	2 Ellis, Texas	0	-	-	-	-
	3 Kaufman, Texas	1	1	0	1	0
	Totals	18	16	2	13	3
12	1 District of Columbia	8	5	3	2	3
	2 Prince Georges, Md.	8	7	1	4	3
	3 Arlington, Va.	2	1	1	1	0
	4 Alexandria City, Va.	3	1	2	1	0
	Totals	21	14	7	8	6
13	1 Harris, Texas	24	20	4	15	5
	2 Brazoria, Texas	3	2	1	2	0
	Totals	27	22	5	17	5
14	1 King, Wash.	6	6	0	6	0
	2 Snohomish, Wash.	0	-	-	-	-
	Totals	6	6	0	6	0

---

*Montessori School

Table C. 1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
15	1 Providence, R. I.	2	2	0	2	0
	2 Bristol, R. I.	2	0	2	-	-
	3 Newport, R. I.	0	-	-	-	-
	4 Washington, R. I.	0	-	-	-	-
	Totals	4	2	2	2	0
16	1 Berkshire, Mass. (part)	10	3	7	2	1
	Totals	10	3	7	2	1
17	1 Bristol, Mass. (part)	8	4	4*	3	1
	2 Plymouth, Mass. (part)	0	-	-	-	-
	Totals	8	4	4	3	1
18	1 Pike, Pa.	3	1	2	1	0
	2 Sussex, N. J.	3	2	1	2	0
	Totals	6	3	3	3	0
19	1 Bradford, Pa.	6	2	4	2	0
	Totals	6	2	4	2	0
20	1 Douglas, Neb.	11	7	4	7	0
	2 Sarpy, Neb.	0	-	-	-	-
	3 Pottowattamie, Neb.	2	1	1	1	0
	Totals	13	8	5	8	0

*One center selected - closed.

Table C.1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
21	1 Marion, Ind.	6	4	2	4	0
	2 Boone, Ind.	0	-	-	-	-
	3 Hamilton, Ind.	0	-	-	-	-
	4 Hancock, Ind.	0	-	-	-	-
	5 Hendricks, Ind.	0	-	-	-	-
	6 Johnson, Ind.	0	-	-	-	-
	7 Morgan, Ind.	0	-	-	-	-
	8 Shelby, Ind.	1	1	0	1	0
	Totals	7	5	2	5	0
22	1 Genessee, Mich.	2	2	0	2	0
	2 Lapeer, Mich.	0	-	-	-	-
	Totals	2	2	0	2	0
23	1 Franklin, Ohio	13	8	5	7	1
	2 Pickaway, Ohio	0	-	-	-	-
	3 Delaware, Ohio	0	-	-	-	-
	Totals	13	8	5	7	1
24	1 Kendall, Ill.	1	0	1	0	0
	2 La Salle, Ill.	0	-	-	-	-
	Totals	1	0	1	0	0

Table C.1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
25	1 Delaware, Iowa	1	0	1	-	-
	2 Jones, Iowa	1	0	1	-	-
	Totals	2	0	2	0	0
26	1 Mahaska, Iowa	0	-	-	-	-
	2 Wapello, Iowa	2	2	0	2	0
	Totals	2	2	0	2	0
27	1 Morgan, Ohio	1	0	1	-	-
	2 Muskingum, Ohio	4	3	1	3	
	Totals	5	3	2	3	0
28	1 Franklin, Ill.	1	1	0	1	0
	2 Jackson, Ill.	4	4	0	4	0
	3 Williamson, Ill.	3	3	0	3	0
	Totals	8	8	0	8	0
29	1 Hillsdale, Mich.	1	0	1	-	-
	2 Williams, Ohio	1	0	1	-	-
	Totals	2	0	2	0	0

Table C.1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
30	1 New Castle, Del.	7	6	1	6	0
	2 Salem, N. J.	1	1	0	0	1
	3 Cecil, Md.	1	1	0	1	0
	Totals	9	8	1	7	1
31	1 Hillsborough, Fla.	14	13	1	12	1
	2 Pinellas, Fla.	7	7	0	7	0
	Totals	21	20	1	19	1
32	1 Tom Green, Texas	7	5	2	4	1
	Totals	7	5	2	4	1
33	1 Wichita, Texas	15	10	5	10	0
	2 Archer, Texas	0	-	-	-	-
	Totals	15	10	5	10	0
34	1 Bexar, Texas	10	10	0	10	0
	2 Guadalupe, Texas	1	0	1	0	0
	Totals	11	10	1	10	0
35	1 Shelby, Tenn.	15	10	5	8	2
	2 Crittenden, Ark.	1	1	0	1	0
	Totals	16	11	5	9	2

Table C.1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
36	1 Pulaski, Ark.	36	22	4	17	5
	2 Saline, Ark.	2	2	0	2	0
	Totals	28	24	4	19	5
37	1 Lee, Fla.	28	15	13	13	2
	Totals	28	15	13	13	2
38	1 Little River, Ark.	3	3	0	3	0
	2 Sevier, Ark.	3	2	1	2	0
	3 Howard, Ark.	2	1	1	1	0
	4 Polk, Ark.	4	4	0	4	0
	Totals	12	10	2	10	0
39	1 Refugio, Texas	0	-		-	-
	2 Bee, Texas	6	6	0	6	0
	3 Calhoun, Texas	4	4	0	4	0
	Totals	10	10	0	10	0
40	1 George, Miss.	5	1	4	1	0
	2 Jackson, Miss.	21	5	16	5	0
	Totals	26	6	20	6	0

Table C. 1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
41	1 Mississippi, Ark.	6	3	3	3	0
	Totals	6	3	3	3	0
42	1 Allegany, Md.	4	0	4	-	-
	2 Garrett, Md.	3	0	3	-	-
	Totals	7	0	7	0	0
43	1 Nowata, Okla.	2	0	2	-	-
	2 Washington, Okla.	8	6	2	6	0
	Totals	10	6	4	6	0
44	1 Sunflower, Miss.	4	1	3	1	0
	2 Washington, Miss.	10	2	8	2	0
	Totals	14	3	11	3	0
45	1 Montgomery, Tenn.	5	5	0	5	0
	2 Stewart, Tenn.	1	1	0	1	0
	3 Houston, Tenn.	0	-	-	-	-
	Totals	6	6	0	6	0

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Table C.1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
46	1 Washington, Va.	2	2	0	2	0
	2 Dickerson, Va.	0	-	-	-	-
	3 Russell, Va.	0	-	-	-	-
	4 Bristol City, Va.	3	2	1	2	0
	Totals	5	4	1	4	0
47	1 San Diego, Calif.	6	6	0	6	0
	Totals	6	6	0	6	0
48	1 San Joaquin, Calif.	5	5	0	5	0
	Totals	5	5	0	5	0
49	1 Santa Cruz, Calif.	10	6	4	5	1
	2 San Benito, Calif.	5	2	3	2	0
	Totals	15	8	7	7	1
50	1 Gila, Ariz.	4	1	3	1	0
	Totals	4	1	3	1	0
51	1 Grand, Utah	0	-	-	-	-
	2 Emery, Utah	0	-	-	-	-
	3 Uintah, Utah	1	1	0	1	0
	4 San Pete, Utah	0	-	-	-	-
	Totals	1	1	0	1	0

Table C. 1 Day care center operator response rate (con.)

PSU	County	Number of centers selected for screening	Number of centers eligible	Number of centers ineligible	Number of interviews completed	Number of refusals
52	1 Providence, R. I. (part)	0	-	-	-	-
	2 Kent, R. I. (part)	3	2	1	2	0
	3 Newport, R. I. (part)	3	1	2	1	0
	4 Washington, R. I. (part)	1	0	1	0	0
	Totals	7	3	4	3	0
	Grand Total	551	350	201	316*	34

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* Includes 27 center responses that were transferred to the family day care home responses and tabulated with these responses.

C. 1. 3 Response rates for users identified by day care center operator

Seventy-one percent of the users selected from eligible centers were interviewed. Responses from the user sample yielded the following totals

Number of users selected from eligible centers	859
Less: Bad addresses, not home, or telephone disconnected or out of order (25 percent)	211
Number of users contacted for interviewing	648
Less: Refusals (8 percent)	71
Interviews completed (71 percent)	577

Of the 859 users identified, 25 percent (211) were either listed at bad addresses, not at home after three callbacks, or the user telephone was reported out of order. Bad addresses were checked with the operators, and the names and addresses of parents were cross-checked using local telephone directories. The field staff reported that in many of these cases the addresses obtained from the operators were incorrect due to the incomplete records kept by some centers and the failure of parents to notify the center when changing addresses. This 25 percent also includes 34 completed interviews which were withdrawn because they represented 27 operator questionnaires which were converted from long to short forms and no longer required user interviews.

Most of the operators (91 percent) cooperated with the field staff by providing lists of their users. As anticipated, a few operators refused to provide information on their users. Several alternate procedures were designed to cope with this problem. The procedures are outlined in the Final Report on Sample Design (Appendix A, Section IIIC) and also in the Field Procedures (Appendix B).

Of the 316 operators of day care facilities interviewed, 289 cooperated in providing the field staff with a list of users that could be sampled Twelve operators refused to provide a list of users or send home prepared letters seeking cooperation of parents. Fifteen operators agreed to mail or send home letters to parents and the user sample was drawn from those responding to the letters. However, the extent to which the 15 operators cooperated is difficult to determine since we have no way of knowing how many letters were actually mailed or sent home to parents. Of the 577 user interviews completed 28 (4.6 percent) were obtained from parents who responded to the letters. The field staff was instructed to make two follow-up calls (1 to 2 weeks apart) to operators concerning nonresponse to the letters. Two weeks after the second call (4 to 5 weeks after original contact with operators) attempts to obtain a sample of users through the letters sent or mailed to parents were terminated.

Table C. 2 Users of day care centers response rate

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
1	1 Kings, N. Y.	2	6	6	0	0
	2 Queens, N. Y.	2	8	8	0	0
	3 Bronx, N. Y.	2	10	4	0	6*
	4 Westchester, N. Y.	3	8	4	4	0
	5 Nassau, N. Y.	2	8	4	2	2
	6 Union, N. J.	2	9	8	1	0
	7 Passaic, N. J.	2	8	8	0	0
	Totals	16	57	42	7	8
2	1 Philadelphia, Pa.	7	18	13	2	3
	2 Bucks, Pa.	1	0	0	0	0
	3 Delaware, Pa.	2	6	5	1	0
	4 Camden, N. J.	1	2	2	0	0
	Totals		26	20	3	3
3	1 Cook, Ill.	4	13	9	1	3
	2 Will, Ill.	3	7	6	1	0
	3 Kane, Ill.	2	8	3	0	5
	Totals	9	28	18	2	8
4	1 Wayne, Mich.	3	5	0	0	5*
	2 Oakland, Mich.	1	4	0	0	4*
	Totals	4	9	0	0	9

* Letter sent to parents; number of refusals unknown.

Table C. 2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
5	1 Allegheny, Pa.	2	4	2	0	2
	2 Westmoreland, Pa.	0	-	-	-	-
	Totals	2	4	2	0	2
6	1 Los Angeles, Calif.	9	32	19	11	2
	2 Orange, Calif.	2	9	8	0	1
	Totals	11	41	27	11	3
7	1 Suffolk, Mass.	2	3	1	2	0
	2 Middlesex, Mass. (part)	2	3	2	1	0
	Totals	4	6	3	3	0
8	1 Erie, N. Y.	0	-	-	-	-
	2 Niagara, N. Y.	0	-	-	-	-
	Totals	0	0	0	0	0
9	1 Milwaukee, Wis.	2	9	9	0	0
	2 Ozaukee, Wis.	0	-	-	-	-
	3 Washington, Wis.	0	-	-	-	-
	Totals	2	9	9	0	0

Table C.2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
10	1 St. Louis City, Mo.	3	14	11	1	2
	2 St. Louis, Mo.	2	4	2	0	2
	3 Madison, Ill.	3	12	12	0	0
	Totals	8	30	25	1	4
11	1 Dallas, Texas	15	26	21	1	4
	2 Ellis, Texas	0	-	-	-	-
	3 Kaufman, Texas	1	2	2	0	0
	Totals	16	28	23	1	4
12	1 District of Columbia	5	7	3	1	3
	2 Prince Georges, Md.	7	11	5	1	5*
	3 Arlington, Va.	1	1	0	0	1
	4 Alexandria City, Va.	1	4	2	1	1
	Totals	14	23	10	3	10
13	1 Harris, Texas	20	33	31	0	2
	2 Brazoria, Texas	2	3	2	0	1
	Totals	22	36	33	0	3
14	1 King, Wash.	6	15	10	1	4
	2 Snohomish, Wash.	0	-	-	-	-
	Totals	6	15	10	1	4

* Letter sent to parents; number of refusals unknown.

Table C.2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
15	1 Providence, R. I.	2	7*	7	0	0
	2 Bristol, R. I.	0	-	-	-	-
	3 Newport, R. I.	0	-	-	-	-
	4 Washington, R. I.	0	-	-	-	-
	Totals	2	7	7	0	0
16	1 Berkshire, Mass. (part)	3	5	0	0	5*
	Totals	3	5	0	0	5
17	1 Bristol, Mass. (part)	4	9	9	0	0
	2 Plymouth, Mass. (part)	0	-	-	-	-
	Totals	4	9	9	0	0
18	1 Pike, Pa.	1	0	0	0	0
	2 Sussex, N. J.	2	3	0	0	3*
	Totals	3	3	0	0	3
19	1 Bradford, Pa.	2	2	0	0	2*
	Totals	2	2	0	0	2
20	1 Douglas, Neb.	7	15	8	0	7
	2 Sarpy, Neb.	0	-	-	-	-
	3 Pottowattamie, Neb.	1	4	4	0	0
	Totals	8	19	12	0	7

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*Letter sent to parents; number of refusals unknown.

Table C.2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
21	1 Marion, Ind.	4	31	12	8	11
	2 Boone, Ind.	0	-	-	-	-
	3 Hamilton, Ind.	0	-	-	-	-
	4 Hancock, Ind.	0	-	-	-	-
	5 Hendricks, Ind.	0	-	-	-	-
	6 Johnson, Ind.	0	-	-	-	-
	7 Morgan, Ind.	0	-	-	-	-
	8 Shelby, Ind.	1	0	0	0	0
	Totals	5	31	12	8	11
22	1 Genessee, Mich.	2	5	0	0	5*
	2 Lapeer, Mich.	0	-	-	-	-
	Totals	2	5	0	0	5
23	1 Franklin, Ohio	8	20	12	0	8
	2 Pickaway, Ohio	0	-	-	-	-
	3 Delaware, Ohio	0	-	-	-	-
	Totals	8	20	12	0	8
24	1 Kendall, Ill.	0	-	-	-	-
	2 La Salle, Ill.	0	-	-	-	-
	Totals	0	0	0	0	0

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* Letter sent to parents; number of refusals unknown.

Table C.2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users in-	Number of refus-als	Number not interviewed for other reasons
25	1 Delaware, Iowa	0	-	-	-	-
	2 Jones, Iowa	0	-	-	-	-
	Totals	0	0	0	0	0
26	1 Mahaska, Iowa	0	-	-	-	-
	2 Wapello, Iowa	2	2	0	0	2
	Totals	2	2	0	0	2
27	1 Morgan, Ohio	0	-	-	-	-
	2 Muskingum, Ohio	3	4	4	0	0
	Totals	3	4	4	0	0
28	1 Franklin, Ill.	1	2	2	0	0*
	2 Jackson, Ill.	4	10	5	0	5
	3 Williamson, Ill.	3	7	4	0	3
	Totals	8	19	11	0	8
29	1 Hillsdale, Mich.	0	-	-	-	-
	2 Williams, Ohio	0	-	-	-	-
	Totals	0	0	0	0	0

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* Letter sent to parents; number of refusals unknown.

Table C.2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
30	1 New Castle, Del.	6	15	6	7	2
	2 Salem, N. J.	1	0	0	0	0
	3 Cecil, Md.	1	0	0	0	0
	Totals	8	15	6	7	2
31	1 Hillsborough, Fla.	13	33	31	0	2
	2 Pinellas, Fla.	7	21	15	0	6
	Totals	20	54	46	0	8
32	1 Tom Green, Texas	5	10	10	0	0
	Totals	5	10	10	0	0
33	1 Wichita, Texas	10	23	16	4	3
	2 Archer, Texas	0	-	-	-	-
	Totals	10	23	16	4	3
34	1 Bexar, Texas	10	32	21	0	11*
	2 Guadalupe, Texas	0	-	-	-	-
	Totals	10	32	21	0	11
35	1 Shelby, Tenn.	10	36	8	8	20*
	2 Crittenden, Ark.	1	2	2	0	0
	Totals	11	38	10	8	20

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* Letter sent to parents; number of refusals unknown.

Table C. 2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
36	1 Pulaski, Ark.	22	50	46	0	4
	2 Saline, Ark.	2	4	4	0	0
	Totals	24	54	50	0	4
37	1 Lee, Fla.	15	38	9	0	29*
	Totals	15	38	9	0	29
38	1 Little River, Ark.	3	5	0	1	4
	2 Sevier, Ark.	2	4	4	0	0
	3 Howard, Ark.	1	3	3	0	0
	4 Polk, Ark.	4	8	6	2	0
	Totals	10	20	13	3	4
39	1 Refugio, Texas	0	-	-	-	-
	2 Bee, Texas	6	11*	7	0	4
	3 Calhoun, Texas	4	11	11	0	0
	Totals	10	22	18	0	4
40	1 George, Miss.	1	5	4	0	1
	2 Jackson, Miss.	5	18	15	2	1
	Totals	6	23	19	2	2

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[*] Letter sent to parents; number of refusals unknown.

Table C. 2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
41	1 Mississippi, Ark.	3	6	6	0	0
	Totals	3	6	6	0	0
42	1 Allegany, Md.	0	-	-	-	-
	2 Garrett, Md.	0	-	-	-	-
	Totals	0	0	0	0	0
43	1 Nowata, Okla.	0	-	-	-	-
	2 Washington, Okla.	6	16	10	4	2
	Totals	6	16	10	4	2
44	1 Sunflower, Miss.	1	2	2	0	0
	2 Washington, Miss.	2	7	7	0	0
	Totals	3	9	9	0	0
45	1 Montgomery, Tenn.	5	11	9	1	1
	2 Stewart, Tenn.	1	2	2	0	0
	3 Houston, Tenn.	0	-	-	-	-
	Totals	6	13	1	1	1

Table C.2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
46	1 Washington, Va.	2	3	3	0	0
	2 Dickerson, Va.	0	-	-	-	-
	3 Russell, Va.	0	-	-	-	-
	4 Bristol City, Va.	2	4	4	0	0
	Totals	4	7	7	0	0
47	1 San Diego, Calif.	6	15	10	0	5
	Totals	6	15	10	0	5
48	1 San Joaquin, Calif.	5	12	9	0	3
	Totals	5	12	9	0	3
49	1 Santa Cruz, Calif.	6	9	3	2	4
	2 San Benito, Calif.	2	1	1	0	0
	Totals	8	10	4	2	4
50	1 Gila, Ariz.	1	2	2	0	0
	Totals	1	2	2	0	0
51	1 Grand, Utah	0	-	-	-	-
	2 Emery, Utah	0	-	-	-	-
	3 Uintah, Utah	1	0	0	0	0
	4 San Pete, Utah	0	-	-	-	-
	Totals	1	0	0	0	0

Table C. 2 Users of day care centers response rate (con.)

PSU	County	Number of centers eligible	Number of users selected	Number of users interviewed	Number of refusals	Number not interviewed for other reasons
52	1 Providence, R. I. (part)	0	-*	-	-	-
	2 Kent, R. I. (part)	2	2	2	0	0
	3 Newport, R. I. (part)	1	0	0	0	0
	4 Washington, R. I. (part)	0	-	-	-	-
	Totals	3	2	2	0	0
	Grand Total	350	859	577	71	211**

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*Letter sent to parents; number of refusals unknown.

** This total includes 34 completed interviews which were not tabulated because the centers from which they were drawn were transferred to the family day care home tabulations.

C.1.4 Area probability sample

Seventy-four percent of the dwelling units in blocks selected for canvassing produced completed interviews.

The basic design for the study called for surveys in 52 PSUs. There were 131 counties identified in the selected PSUs. Within the identified counties, 1,116 blocks were selected for canvassing. Canvassing of the selected blocks identified 21,528 dwelling units (DUs) or households. Of these households, six percent were vacant, 21 percent were refusals or not at home and 74 percent (15,824) produced complete screenings. Of the 15,824 households producing complete screenings 11 percent resulted in interviews with eligible parents and 107 (one percent) resulted in interviews with operators of family day care homes. Eighty-eight percent of the complete screenings were ineligible, having either no children 9 years of age or younger, or having a total family income of $8,000 or more.

The methods used for selecting PSUs, counties and the allocation of the sample within counties are discussed in detail in the Final Report on Sample Design (Appendix A of this report). The following data summarize sample size and the response rates for the area probability sample. Individual PSU and county results are shown in Tables C. 3 and C. 4.

Number of PSUs		52
Number of counties identified		131
Number of tracts selected		238
Central cities - poverty areas	52	
Nonpoverty areas	84	
SMSA outside central cities	20	
Other (EDs)	82	
Number of blocks in tracts and EDs		9,290
Total blocks selected for canvassing		1,116
DUs in blocks selected for canvassing		21,528

Completed screenings (74 percent *)		15,824
Parent interviews completed (11 percent)	1,812	
Family day care home interviews completed (one percent)	107	
Ineligible: no children nine years or younger (71 percent)	11,186	
Income $8,000 or more (17 percent)	2,724	
Refusals or not at home (21 percent*)		4,426
Vacancies (six percent*)		1,278

The use of Bureau of Census maps (prepared for the 1970 Census) presented field problems in identifying a few areas. Some maps were simply outdated while others were indistinct as to boundaries. In such cases, the field staff was instructed to seek assistance from local authorities (police, fire or highway). The information was reported to the central office and the area to be canvassed was defined.

In some areas, notably New York City, Los Angeles, San Antonio and Houston, language problems presented a barrier for the field staff. Ethnic interviewers or translators were employed to assist the regular field staff in the interviewing of those respondents who did not speak English.

Two methods were employed to give interviewers security in inner city areas. Where possible ethnic interviewers were used and the interviewers worked in pairs with each canvassing one-half of a given block. Interviewer escorts were hired in some areas of Little Rock, Texarkana, Arkansas, San Diego, Chicago, Detroit, St. Louis, Bronx, New York, Columbus, Ohio and Dallas.

A few interviewers had difficulty making the necessary three callbacks to very isolated areas such as Indian reservations. Weather and difficult access were also factors which a few interviewers had to overcome.

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*Figures add to 101 percent because of rounding.

Table C. 3 Area sample response rate

PSU		County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
					Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
1	1	Kings, N. Y.	328	127	24	1	80	22	186	15
	2	Queens, N. Y.	419	196	8	0	171	17	219	4
	3	Bronx, N. Y.	326	115	38	0	66	11	205	6
	4	Westchester, N. Y.	221	119	3	0	88	28	102	0
	5	Nassau, N. Y.	170	125	0	0	102	23	44	1
	6	Union, N. J.	247	186	7	0	150	29	58	3
	7	Passaic, N. J.	322	253	12	1	187	53	63	6
		Totals	2,033	1,121	92	2	844	183	877	35
2	1	Philadelphia, Pa.	422	203	55	2	130	16	187	32
	2	Bucks, Pa.	4	4	0	0	4	0	0	0
	3	Delaware, Pa.	120	99	4	1	58	36	19	2
	4	Camden, N. J.	89	88	2	1	75	10	0	1
		Totals	635	394	61	4	267	62	206	35
3	1	Cook, Ill.	739	519	19	3	434	63	188	32
	2	Will, Ill.	0	-	-	-	-	-	-	-
	3	Kane, Ill.	159	149	9	2	102	36	8	2
		Totals	898	668	28	5	536	99	196	34

Table C.3 Area sample response rate (con.)

PSU	County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
				Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
4	1 Wayne, Mich.	194	158	16	0	110	32	13	23
	2 Oakland, Mich.	30	27	2	0	17	8	2	1
	Totals	224	185	18	0	127	40	15	24
5	1 Allegheny, Pa.	264	227	25	0	167	35	29	8
	2 Westmoreland, Pa.	344	277	3	0	171	103	64	3
	Totals	608	504	28	0	338	138	93	11
6	1 Los Angeles, Calif.	1,198	795	99	5	494	197	306	97
	2 Orange, Calif.	134	72	2	1	64	5	49	13
	Totals	1,332	867	101	6	558	202	355	110
7	1 Suffolk, Mass.	217	196	10	0	182	4	10	11
	2 Middlesex, Mass. (part)	59	54	3	0	46	5	2	3
	Totals	276	250	13	0	228	9	12	14
8	1 Erie, N. Y.	238	195	22	0	125	48	36	7
	2 Niagara, N. Y.	0	-	-	-	-	-	-	-
	Totals	238	195	22	0	125	48	36	7

Table C.3 Area sample response rate (con.)

PSU		County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
					Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
9	1	Milwaukee, Wis.	213	188	26	0	118	44	25	0
	2	Ozaukee, Wis.	27	27	2	0	23	2	0	0
	3	Washington, Wis.	0	-	-	-	-	-	-	-
		Totals	240	215	28	0	141	46	25	0
10	1	St. Louis City, Mo.	172	149	39	1	95	14	13	10
	2	St. Louis, Mo.	113	98	4	0	84	10	5	10
	3	Madison, Ill.	34	31	3	0	23	5	0	3
		Totals	319	278	46	1	202	29	18	23
11	1	Dallas, Texas	410	340	64	1	191	84	56	14
	2	Ellis, Texas	38	32	8	0	24	0	2	4
	3	Kaufman, Texas	0	-	-	-	-	-	-	-
		Totals	448	372	72	1	215	84	58	18
12	1	District of Columbia	225	119	16	0	90	13	100	6
	2	Prince Georges, Md.	499	372	29	2	181	160	123	4
	3	Arlington, Va.	416	177	19	5	115	38	232	7
	4	Alexandria City, Va.	0	-	-	-	-	-	-	-
		Totals	1,140	668	64	7	386	211	455	17

Table C.3 Area sample response rate (con.)

PSU	County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
				Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
13	1 Harris, Texas	562	393	30	11	251	101	117	52
	2 Brazoria, Texas	34	22	2	0	16	4	6	6
	Totals	596	415	32	11	267	105	123	58
14	1 King, Wash.	192	167	32	0	104	31	17	8
	2 Snohomish, Wash.	48	41	0	1	15	25	6	1
	Totals	240	208	32	1	119	56	23	9
15	1 Providence, R. I.	402	340	39	0	260	41	46	16
	2 Bristol, R. I.	60	53	5	1	41	6	6	1
	3 Newport, R. I.	0	-	-	-	-	-	-	-
	4 Washington, R. I.	0	-	-	-	-	-	-	-
	Totals	462	393	44	1	301	47	52	17
16	1 Berkshire, Mass. (part)	256	114	6	1	97	10	135	7
	Totals	256	114	6	1	97	10	135	7
17	1 Bristol, Mass. (part)	929	801	90	1	627	83	39	89
	2 Plymouth, Mass. (part)	0	-	-	-	-	-	-	-
	Totals	929	801	90	1	627	83	39	89

Table C.3 Area sample response rate (con.)

PSU		County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
					Parent questionnaire	Family home questionnaire	No children	Income	Refusals--not home	Vacant
18	1	Pike, Pa.	230	18	0	0	14	4	74	138
	2	Sussex, N. J.	248	116	19	0	70	27	81	51
		Totals	478	134	19	0	84	31	155	189
19	1	Bradford, Pa.	371	326	68	5	196	57	29	16
		Totals	371	326	68	5	196	57	29	16
20	1	Douglas, Neb.	524	456	31	4	354	67	50	18
	2	Sarpy, Neb.	0	-	-	-	-	-	-	-
	3	Pottowattamie, Neb.	116	106	9	0	77	20	2	8
		Totals	640	562	40	4	431	87	52	26
21	1	Marion, Ind.	612	427	41	3	269	114	153	32
	2	Boone, Ind.	0	-	-	-	-	-	-	-
	3	Hamilton, Ind.	0	-	-	-	-	-	-	-
	4	Hancock, Ind.	0	-	-	-	-	-	-	-
	5	Hendricks, Ind.	0	-	-	-	-	-	-	-
	6	Johnson, Ind.	0	-	-	-	-	-	-	-
	7	Morgan, Ind.	14	13	0	0	11	2	1	0
	8	Shelby, Ind.	121	107	16	2	72	17	11	3
		Totals	747	547	57	5	352	133	165	35

Table C.3 Area sample response rate (con.)

PSU	County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
				Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
22	1 Genessee, Mich.	166	133	12	0	82	39	28	5
	2 Lapeer, Mich.	26	19	1	0	10	8	6	1
	Totals	192	152	13	0	92	47	34	6
23	1 Franklin, Ohio	383	247	18	2	185	42	117	19
	2 Pickaway, Ohio	47	41	3	1	32	5	5	1
	3 Delaware, Ohio	0	-	-	-	-	-	-	-
	Totals	430	288	21	3	217	47	122	20
24	1 Kendall, Ill.	59	53	2	1	43	7	5	1
	2 La Salle, Ill.	131	121	6	0	93	22	6	4
	Totals	190	174	8	1	136	29	11	5
25	1 Delaware, Iowa	82	72	13	2	46	11	4	6
	2 Jones, Iowa	332	274	41	6	166	61	47	11
	Totals	414	346	54	8	212	72	51	17
26	1 Mahaska, Iowa	162	151	7	1	123	20	3	8
	2 Wapello, Iowa	115	108	10	0	67	31	0	7
	Totals	277	259	17	1	190	51	3	15

Table C.3 Area sample response rate (con.)

PSU		County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
					Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
27	1	Morgan, Ohio	29	15	2	0	13	0	0	14
	2	Muskingum, Ohio	135	110	16	1	79	14	20	5
		Totals	164	125	18	1	92	14	20	19
28	1	Franklin, Ill.	153	99	17	0	73	9	12	42
	2	Jackson, Ill.	59	38	4	0	21	13	11	10
	3	Williamson, Ill.	0	-	-	-	-	-	-	-
		Totals	212	137	21	0	94	22	23	52
29	1	Hillsdale, Mich.	113	101	9	1	72	19	6	6
	2	Williams, Ohio	167	147	6	4	110	27	8	12
		Totals	280	248	15	5	182	46	14	18
30	1	New Castle, Del.	347	244	15	1	146	82	87	16
	2	Salem, N. J.	0	-	-	-	-	-	-	-
	3	Cecil, Md.	49	22	1	0	18	3	25	2
		Totals	396	266	16	1	164	85	112	18

Table C. 3 Area sample response rate (con.)

PSU		County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
					Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
31	1	Hillsborough, Fla.	258	208	41	0	158	9	17	33
	2	Pinellas, Fla.	167	147	14	0	124	9	11	9
		Totals	425	355	55	0	282	18	28	42
32	1	Tom Green, Texas	78	49	10	0	36	3	17	12
		Totals	78	49	10	0	36	3	17	12
33	1	Wichita, Texas	327	262	53	4	184	21	54	11
	2	Archer, Texas	0	-	-	-	-	-	-	-
		Totals	327	262	53	4	184	21	54	11
34	1	Bexar, Texas	281	193	50	1	132	10	77	11
	2	Guadalupe, Texas	0	-	-	-	-	-	-	-
		Totals	281	193	50	1	132	10	77	11
35	1	Shelby, Tenn.	354	273	35	6	191	41	76	5
	2	Crittenden, Ark.	87	65	22	0	42	1	21	1
		Totals	441	338	57	6	233	42	97	6

Table C. 3 Area sample response rate (con.)

				Number of eligible dwelling units		Number of ineligible dwelling units		Other	
PSU	County	Number of dwelling units	Number of dwelling units screened	Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
36	1 Pulaski, Ark.	416	315	26	3	220	66	88	13
	2 Saline, Ark.	66	49	5	1	39	4	13	4
	Totals	482	364	31	4	259	70	101	17
37	1 Lee, Fla.	447	394	14	2	361	17	17	36
	Totals	447	394	14	2	361	17	17	36
38	1 Little River, Ark.	0	-	-	-	-	-	-	-
	2 Sevier, Ark.	0	-	-	-	-	-	-	-
	3 Howard, Ark.	132	112	6	2	79	25	12	8
	4 Polk, Ark.	182	162	43	1	111	7	7	13
	Totals	314	274	49	3	190	32	19	21
39	1 Refugio, Texas	3	3	2	0	1	0	0	0
	2 Bee, Texas	1	1	0	0	1	11	20	1
	3 Calhoun, Texas	98	77	31	0	35	0	0	0
	Totals	102	81	33	0	37	11	20	1

Table C. 3 Area sample response rate (con.)

PSU		County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
					Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
40	1	George, Miss.	29	21	4	0	9	8	7	1
	2	Jackson, Miss.	122	102	9	0	82	11	16	4
		Totals	151	123	13	0	91	19	23	5
41	1	Mississippi, Ark.	102	61	13	0	42	6	30	11
		Totals	102	61	13	0	42	6	30	11
42	1	Allegany, Md.	132	89	8	0	74	7	28	15
	2	Garrett, Md.	119	43	1	0	27	15	70	6
		Totals	251	132	9	0	101	22	98	21
43	1	Nowata, Okla.	10	10	1	0	9	0	0	0
	2	Washington, Okla.	132	97	15	0	69	13	21	14
		Totals	142	107	16	0	78	13	21	14
44	1	Sunflower, Miss.	26	25	12	0	12	1	0	1
	2	Washington, Miss.	23	15	6	0	4	5	8	0
		Totals	49	40	18	0	16	6	8	1

Table C. 3 Area sample response rate (con.)

PSU		County	Number of dwelling units	Number of dwelling units screened	Number of eligible dwelling units		Number of ineligible dwelling units		Other	
					Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
45	1	Montgomery, Tenn.	170	146	34	0	105	7	16	8
	2	Stewart, Tenn.	0	-	-	-	-	-	-	-
	3	Houston, Tenn.	0	-	-	-	-	-	-	-
		Totals	170	146	34	0	105	7	16	8
46	1	Washington, Va.	83	74	13	3	50	8	2	7
	2	Dickerson, Va.	0	-	-	-	-	-	-	-
	3	Russell, Va.	0	-	-	-	-	-	-	-
	4	Bristol City, Va.	36	23	6	1	16	0	6	7
		Totals	119	97	19	4	66	8	8	14
47	1	San Diego, Calif.	421	356	15	2	271	68	51	14
		Totals	421	356	15	2	271	68	51	14
48	1	San Joaquin, Calif.	539	452	83	5	282	82	72	15
		Totals	539	452	83	5	282	82	72	15
49	1	Santa Cruz, Calif.	289	198	22	0	155	21	65	26
	2	San Benito, Calif.	127	99	9	1	70	19	21	7
		Totals	416	297	31	1	225	40	86	33

Table C.3 Area sample response rate (con.)

					Number of eligible dwelling units		Number of ineligible dwelling units		Other	
PSU		County	Number of dwelling units	Number of dwelling units screened	Parent questionnaire	Family home questionnaire	No children	Income	Refusal--not home	Vacant
50	1	Gila, Ariz.	245	186	28	0	142	16	46	13
		Totals	245	186	28	0	142	16	46	13
51	1	Grand, Utah	0	-	-	-	-	-	-	-
	2	Emery, Utah	0	-	-	-	-	-	-	-
	3	Uintah, Utah	100	68	13	0	39	16	25	7
	4	San Pete, Utah	0	-	-	-	-	-	-	-
		Totals	100	68	13	0	39	16	25	7
52	1	Providence, R. I. (part)	0	-	-	-	-	-	-	-
	2	Kent, R. I. (part)	0	-	-	-	-	-	-	-
	3	Newport, R. I. (part)	153	137	14	0	119	4	1	15
	4	Washington, R. I. (part)	108	100	5	0	75	20	2	6
		Totals	261	237	19	0	194	24	3	21
		Grand Total	21,528	15,824	1,807 *	107	11,186	2,724	4,426	1,278

* Figure adjusted to 1,812. The following adjustments were made in:

PSU 8 - One questionnaire was found ineligible because there were no children 9 years old or younger living in the household.

PSU's 9, 11, 25 - One questionnaire in each PSU arrived after tabulations were completed.

PSU's 13, 30 - One eligible questionnaire in each not included in above table but included in final tabulation.

PSU 31 - Identification number of one questionnaire incorrectly coded for PSU 31; code should have been PSU 34.

PSU 36 - Two eligible questionnaires not included in above table but included in final tabulations.

PSU 37 - One questionnaire found ineligible because of family income of $8,000 or more.

Table C.4 Area sample, refusals, not-at-homes and completeness of interviewer follow-up

PSU No.	Total No. Dwelling. Units	Number of refusals	Not-at-homes		
			Total No.	3 calls attempted	
				No.	%
1	2033	511	366	343	93
2	635	73	133	133	100
3	898	80	116	109	94
4	224	5	10	7	70
5	608	9	84	74	88
6	1332	123	232	228	94
7	276	9	3	3	100
8	238	8	28	19	68
9	240	9	16	16	100
10	319	5	13	11	85
11	448	2	56	56	100
12	1140	151	304	287	94
13(1)	596	27	96	45	47
14	240	7	16	15	94
15	462	15	7	5	71
16(1)	256	45	90	0	0
17	929	21	18	14	78
18(1)	478	11	144	2	1
19(2)	371	3	26	9	35
20	640	29	23	23	100
21	747	60	105	102	98
22	192	8	26	25	96
23(2)	430	16	106	31	30

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(1) Emergency trips were made by Westat personnel to help in completing the work in these areas. A variety of problems existed. Time and resources would not permit completion of three calls.

(2) A second interviewer was hired as soon as the problem was noted but there was insufficient time to complete three calls.

Table C.4 Area sample, refusals, not-at-homes and completeness of interviewer follow-up (con.)

PSU No.	Total no. dwelling units	Number of refusals	Not-at-homes		
			Total No.	3 calls attempted	
				No.	%
24	190	3	8	8	100
25	414	18	33	33	100
26	277	0	3	2	67
27	164	4	16	14	87
28	212	22	1	0	0
29	280	3	11	11	100
30(1)	396	34	78	47	60
31	425	3	25	25	100
32	78	5	12	8	67
33	327	13	41	39	95
34	281	40	37	34	91
35	441	37	60	57	95
36	482	8	93	92	99
37	447	7	10	7	70
38	314	2	17	17	100
39	102	0	20	20	100
40	151	3	20	18	90
41	102	2	28	28	100
42(1)	251	17	81	16	20
43	142	7	14	13	93
44	49	2	6	4	67
45	170	0	16	12	75
46	119	1	7	6	86
47	421	2	49	46	94

---

(1) Emergency trips were made by Westat personnel to help in completing the work in these areas. A variety of problems existed. Time and resources would not permit completion of three calls.

Table C.4 Area sample, refusals, not-at-homes and completeness of interviewer follow-up (con.)

PSU No.	Total no. dwelling units	Number of refusals	Not-at-homes		
			Total No.	3 calls attempted	
				No.	%
48	539	6	66	63	95
49	416	32	54	41	76
50	245	15	31	16	52
51	100	10	15	15	100
52	261	1	2	2	100
	21,528	1,554	2,872	2,251	78% (3)

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(3) Excluding the problem PSUs footnoted above the percentage with three attempted calls is 93.3 percent.

C.2 Validation procedures

C.2.1 Validation of day care centers

When the Day Care Center Operator Questionnaires (long form) began to come back from the field, it was noticed that some questions were answered incorrectly. Answers were not consistent from one question to the next. For example, the two totals, one for boy-girl breakdown and one for the ethnic breakdown, should be equal. In another case, if the operator indicated that the center was nonprofit and received welfare money, then a dollar amount should also have been listed in the financial section next to federal, state or local funds.

Westat personnel spent several days telephoning the day care centers to resolve these inconsistencies. The caller was able to determine whether or not the interview had been conducted, and whether instructions had been followed, as well as clearing up some improperly recorded responses. Calls were made to centers in 38 of the 52 PSUs. Every one of the 94 centers contacted had been interviewed. This number represents 33 percent of the total questionnaires received from the field.

Validation breakdown follows on the next page.

Table C. 5 Day care center validation

PSU number	Number of completed interviews	Number of centers verified
1	15	7
2	11	2
3	8	1
4	4	1
5	2	1
6	10	2
7	3	1
9	2	1
10	8	3
11	13	4
13	17	2
14	6	1
17	3	3
18	3	1
20	8	3
21	5	3
23	7	3
27	3	1
28	8	5
30	7	2

Table C. 5 Day care center validation (con.)

PSU number	Number of completed interviews	Number of centers verified
31	19	7
32	4	1
33	10	5
34	10	3
35	9	4
36	19	2
37	13	2
38	10	2
39	10	3
40	6	4
41	3	2
44	3	1
46	4	3
47	6	4
48	5	1
49	7	1
52	3	1
Total	284	94

C. 2. 2 Validation of area sample blocks

Two types of validation were used in checking the listing of addresses in the area sample blocks.

The first was the use of Polk directory listing of addresses for major cities. The interviewers' Door-to-Door Call Record Forms were compared to the Polk Directory listings street by street and any discrepancies in the addresses reported by the interviewer were noted. It was not possible in all cases to make a one-to-one correspondence by address because of (1) the age of the directory and (2) the inability to determine exactly where certain streets intersect or terminate. If the comparison pointed up major discrepancies, the interviewer, or her supervisor, was sent back into the area to verify the original listing.

For the second method of validation, Westat recruited agents to list addresses in selected blocks of the day care area sample. These agents were in no way connected with the field interviewers for this study. These agents were sent a set of instructions and some address listing forms. When they had listed every street address and apartment number, the listing forms were returned to Westat. After Westat received these forms, they were compared to the yellow Door-to-Door Call Record Forms for the particular blocks that had been returned by our field interviewers.

If there were discrepancies in these two lists the original field interviewer was asked to go back and correct his mistakes. In all, 27 blocks needed to be rechecked out of a total of 86 blocks that had been validated in this manner.

PSU 1 - N. Y. City - 1 block
PSU 3 - Chicago - 2 blocks
PSU 13 - Houston - 7 blocks
PSU 20 - Omaha - 1 block
PSU 30 - Wilmington - 14 blocks
PSU 32 - San Angelo - 1 block
PSU 35 - Memphis - 1 block

Two major field problems were discovered through the validation activities. In one case the interviewer had canvassed the wrong block and had missed two sections of a large and complicated area. In another PSU a major discrepancy was found in the listing prepared by the interviewer. Westat personnel from the home office were sent to the field to correct or redo the work in these areas.

Area sample validation included one further procedure. Random telephone calls were made from the central office to respondents who were ineligible (as determined by the Screening Questionnaire) for interviewing with the Parent Questionnaire. The calls were made to verify that the respondent was interviewed (screened) and was in fact ineligible.

Table C. 6, showing the area sample validation figures, follows on the next page.

Table C.6 Area sample validation

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed: Interviewer first listing	Polk Directory listing (year)	Validator listing	Interviewer second listing	Validator difference from first listing	Comments
1	325	506	Hillside, N. J.	24		24		0	
	344	111	Bronx, N. Y.	70		69		-1	
	3031.02	106	Merrick, N. Y.	16		15		-1	
	266	102	Jamaica, N. Y.	35		31		-4	
	395	204	Brooklyn, N. Y.	81		76	90	+9	Interviewer had several dwelling units that validator missed. Interviewer picked up dwelling units that she missed.
2	195	605	Philadelphia, Pa.	72		75		+3	
	135	502	" "	40		40		0	

Table C.6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)*	Validator listing	Interviewer second listing		
2	12	707	Philadelphia, Pa.	97		98		+1	
	4078.03	704	Springfield, Pa.	40		42		+2	
	6072	310	Camden, N. J.	23		25		+2	
3	8540	308	Aurora, Ill.	15	21			+6	
	8141	201	Cicero, Ill.	68		70		+2	
	4044	210	Chicago, Ill.	41		41		0	
	609	205B	" "	69		101	101	0	Interviewer returned and completed 32 missing dwelling units from this building.

*Some Polk listings do not specify year

Table C.6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Inter-viewer first listing	Polk Directory listing (year)	Validator listing	Inter-viewer second listing		
3	4208	104	Chicago, Ill.	42		143	125	+83	Interviewer rechecked area, canvassed apartment building with 60 dwelling units. Some of validator's dwelling units do not exist.
6	5037.01	109	Whittier, Calif.	30		34		+4	
	3006	207	Glendale, Calif.	15		16		+1	
	2431	302	Watts, Calif.	38		39		+1	
	1066.03	107	Los Angeles, Calif.	0		0		0	
	2038	402	Boyle Heights, Calif.	40		40		0	

Table C.6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)	Validator listing	Interviewer second listing		
8	71.01	304	Buffalo, N. Y.	34	34 (1968)			0	
9	100	105	Milwaukee, Wis.	14		14		0	
10	1222	128	St. Louis, Mo.	0	1 (1970)			+1	
11	78.02	106	Dallas, Tex.	37	39 (1970)			+2	
13	428	110	Houston, Tex.	23	23 (1968)			0	
	352	106	Pasadena, Tex.	81	56 (1968)			-25	A new apartment building has been built since the Polk listing.
13	259	511	Highlands, Tex.	69		32		-37	Interviewer did part of wrong adjacent blocks (512, 513).

Table C.6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed: Interviewer first listing	Polk Directory listing (year)	Validator listing	Interviewer second listing	Validator difference from first listing	Comments
13	259	514	Highlands, Tex.	36		8		-28	Interviewer did not see one street so kept on interviewing in adjacent block (515).
		509	" "	103		78	136	+33	Interviewer did not complete assigned block and did canvass part of wrong block (506). Validator missed two sections of the block.
	302	705	Houston, Tex.	14		14	14	0	
		708	" "	11		16	16	+5	
		716	" "	22		30	29	+7	Seven garage apartments missed.
		713	" "	29		37		+8	An apartment building missed.

Table C.6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed: Inter-viewer first listing	Number of dwelling units listed: Polk Directory listing (year)	Number of dwelling units listed: Valida-tor listing	Number of dwelling units listed: Inter-viewer second listing	Validator difference from first listing	Comments
13	503	402	Houston, Tex.	5		2		-3	Interviewer did wrong block.
		405	" "	21		26	22	+1	
		413	" "	9		20	16	+7	Interviewer did wrong block. Validator showed double units that were only single units.
		416	" "	11		16	13	+2	
		421	" "	17		21	20	+3	
		423	" "	13		23		+10	Interviewer missed several dwelling units.
		426	" "	8			10	+2	
17	6516	205	New Bedford, Mass.	37	60 (1969)	37		0	

Table C. 6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)*	Validator listing	Interviewer second listing		
20	36	305	Omaha, Neb.	23	24			+1	
		315	" "	28	26			-2	
		317	" "	0	3			+3	
		318	" "	13	13 (1969)			0	
	9	306-	" "	12		11		-1	
	17	206	" "	2		28	42	+40	Rooming houses canvassed later: one 24 dwelling units and one 8 dwelling units.
23	45	602	Columbus, Ohio	34	36			+2	
		607	" "	21	20			-1	

*Some Polk listings do not specify year

Table C.6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)	Validator listing	Interviewer second listing		
30	33	1	Cecil County, Md.	0		9		+9	
		2	" "	13		89		+76	
		3	" "	52		25	9	-43	Interviewer not careful in counting.
		4	" "	0		0		0	
		5	" "	30		11	6	-24	
		6	" "	0		7		+7	
		7	" "	0		15		+15	
		8	" "	2		5		+3	
		9	" "	111		46		-65	It did not look as if interviewer tried to make an accurate count.
		10	" "	10		30	27	+17	

Table C. 6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)	Validator listing	Interviewer second listing		
30	33	11	Cecil County, Md.	3		5	5	+2	
		12	" "	6		8		+2	
		13	" "	4		22	17	+13	
		14	" "	20		18		-2	Interviewer had done wrong area.
31	108	602	Tampa, Fla.	0	0 (1970)			0	
		604	" "	1	3 (1970)			+2	
32	9	202	San Angelo, Tex.	0		0		0	
		203	" "	4		7		+3	
		207	" "	6		9		+3	
		210	" "	9		11		+2	

Table C. 6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)	Validator listing	Interviewer second listing		
32	9	212	San Angelo, Tex.	0		19	13	+13	Validator included dwelling units from another block (205) which was not in sample.
		214	" "	12		12		0	
		217	" "	16		19		+3	
		219	" "	15		-			Validator did wrong block.
		222	" "	0		-			Validator did wrong block.
33	114	207	Wichita Falls, Tex.	32	32 (1968)			0	

Table C.6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)*	Validator listing	Interviewer second listing		
35	305	602	West Memphis, Ark.	7	4			-3	
		606	" "	19	21			+2	
		610	" "	19	30		26	+7	Second check on apartment building found 7 additional dwelling units.
	8	106	Memphis, Tenn.	38	54 (1970)	39		+1	
36	10	101	Little Rock, Ark.	13	13 (1968)			0	
		123	" "	15	18 (1968)			+3	
	27	9	Benton, Ark.	28	32			+4	
	32.01	216	North Little Rock, Ark.	20	22 (1967)			+2	

*Some Polk listings do not specify year

Table C. 6 Area sample validation (con.)

PSU no.	Tract or ED	Block no.	City	Number of dwelling units listed				Validator difference from first listing	Comments
				Interviewer first listing	Polk Directory listing (year)*	Validator listing	Interviewer second listing		
47	58	105	San Diego, Calif.	0	0 (1968)			0	
	27.06	108	" "	10	10			0	
49	116	308	Santa Cruz, Calif.	14	14 (1969)			0	

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*Some Polk listings do not specify year

PROCEDURE

Go around area and on form provided list all Dwelling Units, that is, houses and apartments.

In an apartment house, list each apartment number. Do not list stores, factories, garages, etc., but do list living quarters above stores, etc.

List Dwelling Units only on the side of the street which forms the inside boundary of the area to be listed, not across the street.

All Dwelling Units are to be listed by house number, apartment number if applicable, and street name.

Use a separate sheet for each block number.

ACCURACY IS OF THE GREATEST IMPORTANCE!!!!!

WESTAT RESEARCH, INC.
11600 Nebel Street
Rockville, Maryland 20852
301-881-5310

Study No. 0824

LISTING FORM FOR DWELLING UNITS

State____________________ County________________________ Town______________________

Tract/ED__________________ Block #_______________

Listed by:______________________________________ Date:________________ Time:__________

Street Name	House No.	Apt. No. (if applicable)	Remarks

APPENDIX D

TRAINING MANUAL

APPENDIX D

DAY CARE STUDY #0824

INTERVIEWER TRAINING MANUAL

Westat Research, Inc.
7979 Old Georgetown Road
Bethesda, Md. 20014

Fall 1970

NOTE: This appendix is presented in the form in which it was actually used in 1970. Some of the statements appearing here would need to be modified in light of the final procedures and results set forth in the April 1971 summary report and the other related appendices. (In particular the "ancillary questionnaire" turned out to be the mail survey of public schools.)

APPENDIX D

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I. TRAINING SCHEDULE

FIRST DAY

12 noon - 1 p.m.	REGISTRATION
1 - 1:15 p.m.	INTRODUCTIONS TRAINING SCHEDULE
1:15 - 2 p.m.	DAY CARE STUDY INTRODUCTORY REMARKS DAY CARE HISTORY PURPOSE OF SURVEY
2 - 3 p.m.	COMPILATION OF CENTER LISTING
3 - 6 p.m.	DAY CARE OPERATOR QUESTIONNAIRE

SECOND DAY

9 - 9:30 a.m.	SAMPLING LISTED USERS OF DAY CARE CENTERS
9:30 - 10 a.m.	AREA SAMPLE CRUISING
10 - 1 p.m.	PARENT QUESTIONNAIRE -- SAMPLED LISTED USERS PARENT QUESTIONNAIRE --AREA SAMPLE CASES
1 - 2 p.m.	LUNCH
2 - 4 p.m.	FAMILY DAY CARE HOME QUESTIONNAIRE ANCILLARY QUESTIONNAIRE
4 - 6 p.m.	MOCK INTERVIEWS

THIRD DAY

9 - 11 a.m.	MOCK INTERVIEWS
11 - 11:30 a.m.	REVIEW OF TASKS AND SCHEDULING
11:30 - 12 noon	ADMINISTRATIVE PROCEDURES
12 noon - 1 p.m.	FINAL QUESTION AND ANSWER PERIOD

WESTAT TRAINING INSTRUCTORS:

Chicago - J. Daley, D. Scott, S. Goodman, V. Achtermann
Dallas - J. Daley, D. Scott, S. Goodman, V. Achtermann
Washington, D.C. - J. Daley, D. Scott, S. Goodman, D. Krug

II. INTRODUCTIONS

A. Westat staff conducting training sessions.
B. Field staff (interviewers)

III. TRAINING SCHEDULE REVIEW

A. Time and Place

1. All training sessions will be held in the room promptly at times stated on the training schedule.

2. Coffee will be served during breaks in the training schedule.

3. Lunch will be provided on the second training day at 1 p.m. in the room.

B. Hotel Accommodations

The hotel will bill your room charge (2 nights only) directly to Westat. All other expenses, such as phone calls, meals, room service, etc. are considered as personal expenses and must be paid by you when checking out.

IV. DAY CARE INTRODUCTORY REMARKS

A. GENERAL

Westat Research, Inc. in conjunction with Westinghouse Learning Corporation is conducting this survey and analysis of existing Day Care Programs and Facilities for the U. S. Office of Economic Opportunity. The goal of the project is to provide current and reliable national reference data for use by program planners in areas where day care services for children are a significant component. The scope of the work will be accomplished in three phases:

1. Information abstracting and community studies
2. Survey design and field operations
3. Description of existing services and assessment of national needs.

Westat and Westinghouse Learning Corporation have established a fully integrated staff to carry out this work.

B. BACKGROUND AND OBJECTIVES

This survey project is one of a series of interrelated studies for the U. S. Office of Economic Opportunity. These studies are being made to provide current and reliable national reference data in areas of day care services for children and of closely related early childhood development topics. OEO is actively cooperating with the U. S. Department of Health, Education, and Welfare and the U. S. Department of Labor on these studies. The particular objective of this survey is to provide data that will be useful to those who are engaged at the federal, state and local levels in the design and pilot testing of new program concepts.

C. PURPOSE OF THE STUDY

1. Compile a reference compendium of current data on the characteristics and activities of federally assisted day services, on differing state licensing practices, and on exemplary state and local programs.
2. Provide a current observational picture of the local-level delivery of federal day care programs, the availability of proprietary day care services, the participation of social and voluntary organizations in the day care field, employer-sponsored programs, welfare-oriented services, and the general outlines of the local universe of need for day care in relation to local economic and labor market conditions.
3. Characterize the key elements of existing day care practice nationally in the terms of program services, staffing, facilities, costs, clientele, and other variables.
4. Determine the extent of unmet needs for day care services.
5. Construct analytic models of the market processes in relation to the assessment of national need for day care expansion.

The data collection instruments (questionnaires) will reflect the objectives of the study. These will be reviewed in detail later in the training session.

V. DAY CARE HISTORY

Day care for young children in the United States today is an institution lagging far behind the social change that has brought about the need for it. Day Care service today is chaotic, unorganized, and largely unregulated and unlicensed. It is dispensed in haphazard ways that range from excellent to shockingly poor. Yet, it is indispensable to a growing number of people in present day America--the force of working women of childbearing age. The problem of arranging for the care of young children while the mother works is not a problem to the poverty communities alone, as one may first speculate. The working middleclass mother may find it just as difficult if not more so to work out satisfactory solutions to her child care problems.

Day Care began in an institutionalized way during the 19th century when women began to enter the formal work force. Nurseries, as they were often called then, were thought of as charitable services for poor and neglected children. Only poor women were forced into working while "normal" women stayed at home and cared for their children and themselves.

The first day care center in America was established in 1854 in New York City for children of working mothers who could provide no other care for them. The main purpose of this first day care center was to provide "purely custodial" services. These early day care center mothers were largely penniless, helpless immigrant mothers, often separated from their husbands, who had to solely support themselves and their children.

Simultaneously, the kindergarten and nursery school movement got under way for middleclass and affluent children--to provide an experience to the children of "normal" families, that is, families with mothers at home. In time, however, the two trends (the charitable care of "neglected" children and the early childhood education of normally cared for children) merged and began to fulfill a new purpose, that of providing daytime care for children whose mothers had gone to work. This trend was enormously accelerated during World War II as was to be expected. But, the women have not returned to their homes. The number of working mothers continues to grow--sevenfold since 1940, more than twofold since 1950. Greater growth is expected in the future.

Working mothers represent all socioeconomic levels and the family with a working mother is becoming the norm rather than the exception. With the change in women's socioeconomic role, there has also been a blurring of the nature of programs for children. It is now difficult to tell whether a given program is a day care program in the traditional "do good" sense or if it is a nursery school or some other kind of educational endeavor.

One of the more shocking findings of recent investigations is that the majority of all the children of working mothers have no formal supervision at all during their mothers' absence. They are the well known "latchkey" children of poor neighborhoods who have no one at home to supervise them after school and who play in the streets with their house keys on chains around their necks.

Ad hoc day care arrangements abound. Largely impossible to assess in any accurate way, they range from fine care by loving and responsible relatives, friends, and neighbors to neglect, indifference, and even cruelty.

Other countries have faced the problem of day care for children of working mothers and have set up more formalized solutions than has the United States. Noteworthy in this respect are Japan, the Soviet Union, and the Scandinavian countries. Their experience must certainly be studied and taken into account in any effort to assess and remedy the day care situation in the United States.

VI. PURPOSE OF SURVEY

A. WESTINGHOUSE LEARNING CORPORATION TASKS

Westinghouse Learning Corporation has primary responsibility for the initial phases of the Day Care Study. First, they are conducting a literature search to bring together information concerning existing federal programs relating to Day Care Services, examining state and local licensing regulations, studying various administering and regulating policies, and reviewing studies that have already been conducted in the area of Day Care.

Secondly, WLC is conducting several community in-depth surveys. Case studies are being developed in these communities that will reflect the day care resources available and factors that relate to the demand of day care services.

These two initial phases, the literature search and the community surveys, have been underway for several weeks. The information and findings are being relayed to Westat to aid in developing the questionnaires and survey materials that we will be using.

B. WESTAT TASKS

Westat's primary responsibility to the Day Care Study is composed of six distinct tasks. Because of the nature and design of the overall study, it will be necessary, in most cases, that we complete each task in turn before moving on to the next task. This means our field operations will be pretty much a "stop-and-go" type operation. The total elapsed time for our field operations, from beginning to end, is estimated to run approximately three months. Our six tasks involve both interviewing and non-interviewing operations. Since we will be involved with several tasks spread over the next several weeks and since we must adhere to a "stop-and-go" operation it will be of the utmost importance to keep our communication channels open.

In outline form, our six tasks are:

1. Compile a listing of Day Care Centers in your assigned counties.
2. Conduct personal interviews with a sample of these Day Care Center Operators.
3. Obtain a sample of day care users from the Day Care Centers interviewed.
4. Cruise block groups in an Area Sample.
5. Conduct personal interviews with the selected sample of Day Care Users (resulting from Task 3).
6. Screen and conduct personal interviews in the area sample with (a) eligible mothers and (b) Family Day Care Homes.

These six tasks constitute our field responsibilities. Again, 100% cooperation and communication will be a must to successfully complete each and every task.

During the next couple of training days we will cover each task in detail and will provide you with as much background information as we can. Our questionnaires will gather information on day care center enrollments, age groups, racial mix, enrollee turnover, fee structures, staffing, programs offered, equipment and materials used, cost of operating a center, perception of problems and needs, community support, etc.

Our interviews with day care users and non-users will gather information on family demographics, day care arrangements presently being used, arrangements planned for the future, satisfaction of present day care arrangements, etc.

The overall sample design being used for the Day Care Study is basically a population area sample. We will be conducting our survey in 52 PSUs (primary sampling units), each PSU consisting of a county or group of counties. Within each PSU we will be compiling a list of Day Care Centers that will be subsampled to provide a list of specified Center Operators to interview. This sampling procedure will be referred to as the Center Sample. This Center Sample will also be used to provide us with the list of known day care users to interview.

A second component of the sample design, we will be referring to, is the Area Sample. Within our 52 PSU's we will be selecting small areas (block groups). These block groups will be cruised, as described later, to uncover any unusual housing situations. Then we will select a random sample of block groups to be screened door to door, for household interviews. This Area Sample will be used as the source to obtain interviews with (a) parent users and non-users of day care services and (b) Family Day Care Homes (small, informal arrangements).

VII. FIELD TASKS

A. COMPILATION OF CENTER LISTING

1. Listing

As you know "listing" is the process of systematically recording the address (or description or location) of all units within a specified area. The units in this survey are:

a. Day Care Centers - 13 or more children

b. Group Day Care Homes - 7 to 12 children

c. Family Day Care Homes - 1 to 6 children, at least one of whom is not a member of the operator's (respondent's) family.

NOTE: QUALIFICATION: In all cases, at least one child must be cared for a. at least two (2) days a week, b. for seven (7) hours or more per day, c. for compensation, to qualify as day care.

2. Sources of Day Care Lists

Lists of Day Care Facilities and names, operators, addresses, (street, city, state and zip code) and telephone numbers (including area code) are to be obtained for each of the sample counties from the following sources:

a. County, Municipal & State Licensing Authorities,

e.g., County, City, State Welfare Agencies, Health and Education Departments, Zoning Commissions.

b. Telephone Directories - (Yellow pages)

(1) Pages containing listings of nurseries, centers, homes or other day care listings may be torn directly from telephone directories and identified according to county locations.

(2) Such listings may be recorded on the Center Listing Sheet (in cases where only a few exist) and/or mailed to Westat as is.

c. Principal Church Organizations, e.g.,

National Councils of Churches,
National Councils of Christians & Jews

Use Center Listing Sheet for recording when necessary

d. Community Action Agencies (CAA or CAP)

e.g., City or County Economic Opportunity Councils, Head Start Programs, Model Cities Programs.

e. Other Known Sources, e.g.,

Child Day Care Councils of America, Family and Child Services.

NOTE: (1) ALL LISTS ARE TO BE RECORDED CLEARLY AND LEGIBLY AND IDENTIFIED AS TO:

- a. County and State
- b. Name, address and phone number of interviewer

(2) CONTENTS OF LIST - the list should contain the name of the facility, the name of the operator and address

- a. Capacity or size
- b. Hours of operation
- c. Affiliation
- d. Identification as to provate or public, licensed or unlicensed
- e. Those that are applying for licensing

(3) Center Listing Sheets - use the Center Listing Sheets in cases where agencies have not compiled their own list for circulation but may have their file on 3 x 5 cards.

(4) DUPLICATE LISTS

a. One copy retained by the interviewer, in case the original should become lost in the mail

b. The original mailed to: D. Scott, Westat Research, Inc.

3. Prior Contact by Westat Research, Inc.

a. In most cases Westat personnel has made telephone contact with county and state agencies and individuals requesting their cooperation and assistance in conducting the survey and interviews. In most instances, you will find them interested in Day Care research, enthusiastic, and cooperative.

b. Letters to the above have also been mailed. (Copies of both the list of contacts made and letters mailed are provided for you.)

c. Press Release by Westat, a copy of which is also provided.

d. Although many lists of day care facilities have been received by our office as a result of prior contact, some are incomplete and require follow-up work on your part.

In all instances you should contact the local CAP Agencies and solicit their cooperation.

NOTE: Should TROUBLE develop or you are not successful in obtaining lists or cooperation notify our office.

4. Procedure to be Used in Contacting Agencies, Organizations and Individuals for Lists of Day Care Facilities

   a. Contact the individual or agency who has list by telephone.

   b. Identify yourself and Westat.

   c. State the purpose of your call.

   d. Make an appointment to visit their office.

   e. Keep your appointment, explain the purpose of the study and the use to be made of the list and request a copy.

5. Schedule for Listing of Day Care Facilities

   a. Listing of facilities in your assigned counties should BEGIN: Date... ___________.

   b. This task should be completed and mailed to Westat's office within... ___________.

B. DAY CARE OPERATOR QUESTIONNAIRE

After the Day Care Center compilation is completed and the listings are sent to Westat, there will be a short delay. Westat will sample the complete listings for your assigned counties and will select approximately 8 centers to be interviewed.

A letter will be sent to these selected centers on OEO letterhead advising them of the study, how they were selected, the importance of their cooperation, and that they will be contacted by phone for an interview appointment by a field interviewer in their area.

You will be provided with a telephone screening form to determine which facilities offer day care i.e., 7 hours or more per day for at least one child. You will try to arrange an appointment with the operators in those facilities and that qualify as offering day care.

We will now go over the Day Care Survey - Operator Questionnaire, Interviewer Instructions and Screening Form.

C. SAMPLING LISTED USERS OF DAY CARE CENTERS

In addition to interviewing the Operators of Day Care Centers we will also interview a sample of mothers who have children in the centers. After you have completed an interview with the operator using the DAY CARE CENTER SURVEY--OPERATOR QUESTIONNAIRE, you are to obtain a random sample of users of the center. It is important that we obtain a random sample of these mothers.

IMPORTANT: In all cases, be sure to point out to the operator that we do need a random sample. Explain to the operator that we want to interview mothers to find out more about the various day care arrangements they are presently using, whether the mother is working or plans to work in the future and some general questions about the family household (number of children, ages, etc.) If the operator is interested, show her the questionnaire we will be using when interviewing these mothers and assure the operator we are not making a check or inspection of her center's services.

SITUATION #1 -- CENTER OPERATOR HAS A LIST OR CARD FILE OF "MOTHERS"

If both a printed list and a card file of mothers' names and addresses is available, we would suggest using the list since it will be a little quicker.

STEP 1. Determine the total number of mothers

STEP 2. Refer to the Table of Random Numbers to determine the sample size and random numbers to select. This step will tell you how many mothers' names we need to select and also which ones to select. The arrangement of the list or card file is not important. It need not be in alphabetical order. What is important, is that all mothers' names be present regardless of whether their children attend full or part day.

EXAMPLE--There are a total of 34 mothers with children enrolled in the center. Locate number 34 in Column I of the table. Then, reading across, you will find a 3 in Column II. This 3 is the desired sample size and tells you how many names we need to select from the total list of mothers. Continuing across to Column III you will find several random numbers. We will be using these numbers to tell us which mothers to select. Our sample size is 3 so take the first three random numbers listed (22, 32, 26). Go to your list or card file of mothers and select the 22nd, 32nd and 26th name.

STEP 3. After you have selected these three names, ask the operator whether these mothers have any pre-school children in the center.

If the answer is "Yes', you have the names and addresses of the 3 mothers in your sample to interview.

If the answer is "No", that one of the mothers has no pre-school child in the center, go back to the table and select the next random number shown. In our example of 34 mothers, the next random number is the 25th mother. This mother will now replace the one who had no pre-school children, go back and select the next random number, which would be the 15th mother. Continue this procedure until you have selected the desired sample size of 3 mothers all with pre-school children in the center. Should you exhaust the supply of random numbers shown on the table for enrollment size of 34, stop and just interview the mothers you have selected with pre-school children. In some cases you may end up with only 1, or possibly 2, mothers to interview. It is also possible to end up with no mothers to interview because none of them have pre-school children attending the center.

STEP 4. Contact the mothers who have been selected by phone and arrange for an interview. You will need to wait, however, until we get the mother questionnaires to you, which should be available in approximately two weeks.

If any of the selected mothers refuse to be interviewed, just interview those who agree. Do not attempt to go back to the center and substitute any new mothers to make up for the refusals.

SITUATION #2 -- CENTER OPERATOR HAS A LIST OR CARD FILE OF "CHILDREN" NAMES

This situation is identical to Situation #1, except here the list or card file is composed of the childrens' names and not their mothers' names.

The first two steps are the same. Determine the total number of children enrolled from either the list or the card file. Refer to the Table of Random Numbers to determine how many names are to be selected and which names to select.

EXAMPLE--There are 12 children enrolled in the center. The table tells us to select 2 names and these are to be the 4th and 6th names.

Since we are working from a list of children, we next need to make sure that these two children do not have the same mother. So, first ask the operator if the 4th and 6th children are from the same family. If they are not, we use both. If they should be from the same family, eliminate one of the names and select the next random number which would be the 7th name. Again, ask if this child is from the same family as either the 4th or 6th child. Continue this procedure until you have selected two children from different families.

As soon as you have selected two children from different families, you next need to determine whether both children are pre-school children. If they are, you have the names of two children and you are to interview their mothers. Should one of the children not be a pre-schooler, you will need to select another number (in our example the 9th child) and determine that this child is not from the same family and also that he or she is a pre-schooler. Should you run out of random numbers before you have found two children with different mothers and both pre-schoolers, just stop and arrange an interview with the one who did meet the requirements. It is possible to exhaust all random numbers for enrollment size of 12 and end up with no one eligible.

SITUATION #3 -- CENTER OPERATOR HAS LIST OR CARD FILE OF "MOTHERS" OR "CHILDREN" BUT REFUSES TO LET YOU SAMPLE FROM THEM

In this situation the center has a list or card file of mothers or children but the operator refuses to let you look at the list or card file to select the sample names.

Ask the operator if she would be willing to identify only those mothers who would be selected by random procedures and give you just their names and addresses. Reassure the operator that we are not interested in the entire list, only a few names selected at random.

If the operator agrees to do the selection, follow the same sampling procedure discussed in Situation #1 or #2 and tell her which names to select using the Table of Random Numbers. She will need to tell you the total enrollment or you can get this information from the completed questionnaire.

SITUATION #4 -- CENTER OPERATOR REFUSES TO LET YOU USE LIST OR CARD FILE AND ALSO REFUSES TO DRAW SAMPLE HERSELF

We hope we are not faced with this situation but, if it does happen, we will attempt the following procedure.

Ask the operator if she would permit us to send a letter home with the children (See Letter to Parents, attached) and from the letters returned we will select the names to be interviewed. If the operator agrees to this procedure follow the steps below.

STEP 1. Leave the letters with the Day Care Operator so they can be sent home with the children. The letters should be completed by the parents and returned to the center.

STEP 2. Contact the operator a week later to sample the returned letters.

STEP 3. Place the returned letters in alphabetical arrangement.

STEP 4. Count the number of returned letters. This count will now be used as the enrollment size. Find this number in Column I of the table. In Column II you will find the sample size required and in Column III the random numbers to select. Assume 6 letters are returned. The 2nd and the 1st letters would be in our sample (see attachment).

STEP 5. Again, we must ask the operator if the 2nd and 1st parents have pre-schoolers in the center. For example, if the 1st name does not, select the 5th name. If the 5th does not have pre-schoolers we would stop since we have exhausted our supply of random numbers and only contact the 2nd name for an interview.

D. AREA SAMPLE CRUISING INSTRUCTIONS

This task will involve your keen observation and the use of an auto. We are designating several areas in each PSU to be cruised. These areas, in most cases a cluster of a few blocks, have been selected as part of our national probability area sample. Extensive statistical planning went into the selection of these sample areas. The survey results that you later obtain from respondents in these areas can be projected to represent national totals. Projection to national totals will be possible only if interviewers follow the specified selection procedures.

The interviewer's responsibilities in this phase of the study are:

1. Correctly identify the boundaries of areas (block groups or enumeration districts (E. D. s)) enclosed within the yellow or heavy dark lines on the maps.

2. In determining the boundaries of block groups it is important to remember that such boundaries usually are streets. One side of the street is included in the block group (see example A of sketch map). The other side is excluded because it belongs to another block group and is outside of the sample area (see example B, sketch map).

   The same applies to boundaries between individual blocks inside block groups to be cruised. Example C (368 is on one side of Hudson St.) will belong to block number 301, while example D 9367 is on the opposite side of Hudson St.) is in block number 302.

   If the boundary between block groups, E. D. s or blocks is other than streets (rivers, railroad lines, etc.) the same principles apply. One side will be inside of the block group and the other outside.

3. Cruise only the numbered block areas (or E. D. s in some cases) and identify as follows:

   a. Blocks containing less than 200 dwelling units -- identify as "OK." The actual count of dwelling units is not needed.

   b. Blocks containing more than 200 dwelling units -- describe to us (using a sketch of the block) all apartment houses and the number of units and floors contained in each. Record the addresses of such apartment complexes.

   c. If a block is all parkland, farmland, warehouses, a military reservation, an industrial complex, or a college dormitory area, office buildings or business places, record as such.

d. Record other unusual features of blocks.

NOTE: Use Area Cruising Description Form for recording.

Example: Attached is a sketch of a block group in Buffalo, N. Y. that will be cruised. Also attached is a completed Area Cruising Description Form for this block group in Buffalo. It is used for purposes of instruction only. Following is an example of what we may find:

1. Numbered block groups within the yellow or heavy, dark lines are 301, 302, 303, 304, 305, 306, and 307. Areas (block groups or E. D. s) outside of the boundaries of the above numbered blocks are:

a. not to be cruised

b. not to be included in sample.

2. In cruising blocks, let's say that block number 301 is all single units with less than 200 dwelling units. Record as "OK." If a block contains more than 200 dwelling units describe it.

3. Block number 302 contains two large apartment complexes: one with 150 dwelling units ten stories high, one complex with 220 dwelling units 20 stories high. The remainder of the dwelling units on the block are single family dwelling units. (See Area Cruising Description Form on how to record this information on block 302.)

4. Block number 303 contains all apartment complexes and a parking lot.

5. Blocks 304 and 305 are parkland.

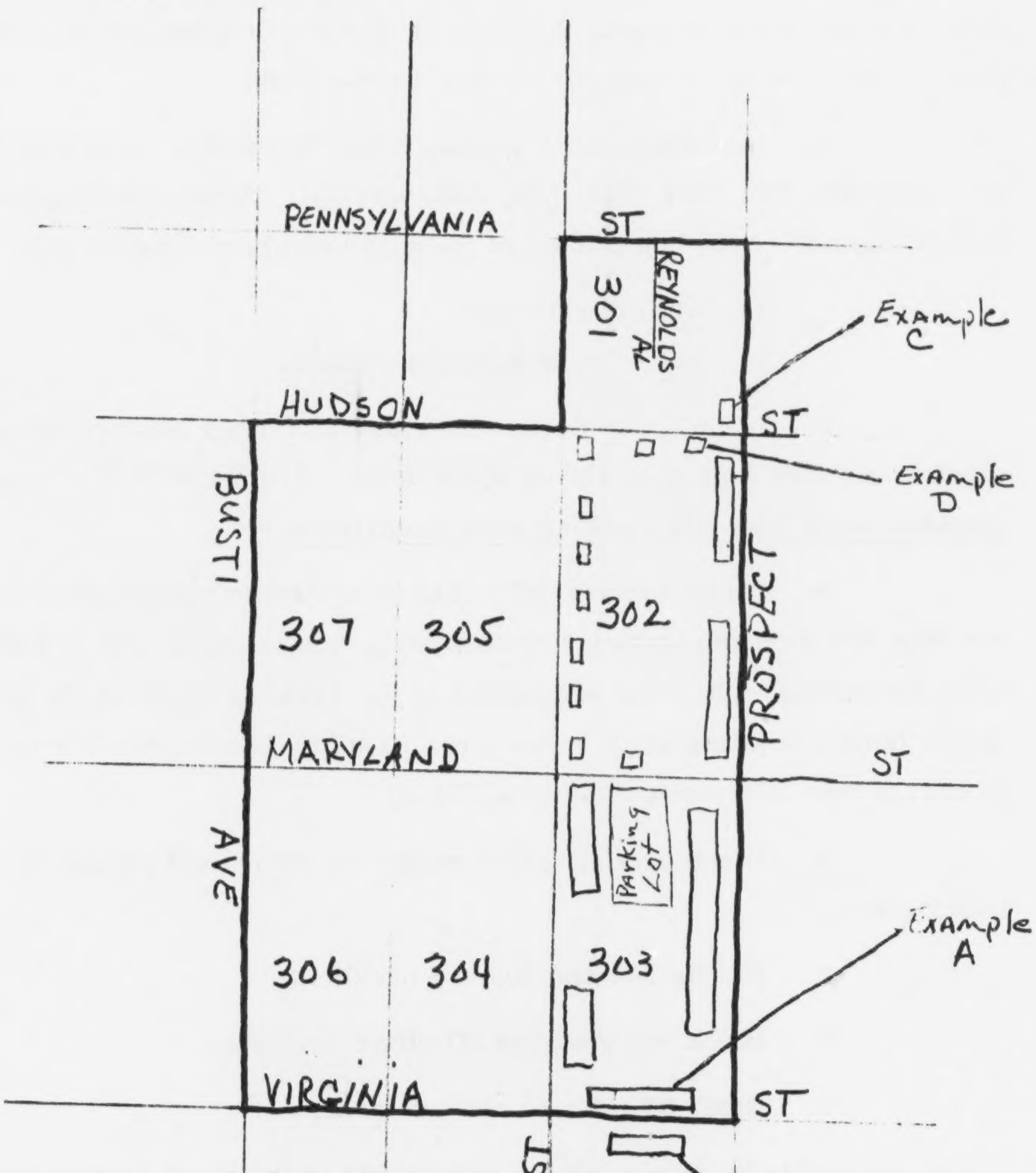
6. Block 306 contains all office buildings.

7. Block 307 is a warehouse area.

If you are unable to determine the boundaries of the block groups or have any questions regarding the above procedures please call:

D. Scott or Sue Goodman, Westat Research, Inc.
301-652-9246
After September 26 call 301-881-5310.

PSU 8 BUFFALO, N.Y.
Track No. 71.01 ED No. __
Block Group 300


PENNSYLVANIA ST
REYNOLDS AL
301
Example C
HUDSON ST
Example D
BUSTI AVE
307
305
302
PROSPECT
MARYLAND ST
Parking Lot
Example A
306
304
303
VIRGINIA ST
7th St.
NIAGARA ST
Example B

DAY CARE SURVEY # 0824

Westat Research, Inc.
7979 Old Georgetown Road
Bethesda, Maryland 20014

AREA CRUISING DESCRIPTION FORM

Interviewer Use Only:

Name: Jane Question

Address: 301 SURVEY St.
Anywhere, U.S.A.

Date: 9-10-70

Westat Use Only:

PSU 8. Buffalo

Tract No. 71.01 ED No. ______

Block Group 300

Interviewer: Attached is a map sketch of blocks to be cruised.
Record your observations below for each block.

Block #	Description of Block
301	OK all single units - less than 200 units
302	2222 Prospect St. 10 stories, 150 units 2226 Prospect St 20 stories, 220 units
302	Block contain approx 379 dwelling units
303	3330 Prospect St. 9 stories, 360 units 214 Virginia St. 12 stories, 144 units
303	3331 Niagara St. 12 stories, 120 units 3334 Niagara St. 9 stories, 108 units, Parking Lot
304	Park
305	Park
306	All office bldgs. No dwelling units
307	Warehouse Area. No dwelling units

E. PARENT QUESTIONNAIRE - LISTED USERS OF DAY CARE QUESTIONNAIRE

The parent interviews will be conducted with the users that we obtained from our Center Sampling Procedure (Section VII - C). In each PSU there will be approximately 15 interviews.

Phone each parent who was selected by your sampling procedure to set up an appointment for interview. Pre-tests indicate the interview will take about 20 minutes.

We will now go over the Parent Questionnaire, Interview Instructions and Screening Form.

F. PARENT QUESTIONNAIRE - AREA SAMPLE CASES

We are now talking about our Area Sample. These are the block groups which you have cruised and reported to us any unusual housing situations. Westat will take your cruising report forms and will select a sample of blocks to be completely screened.

When we notify you of the specific blocks that will make up the final Area Sample you can begin your house-to-house screening. Keep in mind that in these area samples we may encounter several situations. We will be finding parents who have no children, parents who have children, parents who are using day care, parents who are not; parents who are working, parents who are not; parents who may care for other children in their home; also, we may come across Day Care Centers.

Let us turn now to the Parent Questionnaire which is the same questionnaire we just used for the listed Center Users. We will review the screening form to determine which households will be eligible.

Keep in mind, that in our area sample you will need to keep an accurate record of each household screened, the result of your calls, etc. The Call Record Form will be used for this record keeping.

stat Research, Inc.
9 Old Georgetown Road
hesda, Maryland 20014

Day Care #0824

CALL RECORD FORM

AREA SAMPLE

m________________ County________________ State____________________

ct/ED____________ Block_________________ Interviewer__________________

sehold dress	1st Call			2nd Call			3rd Call		
	Date	Time	Result	Date	Time	Result	Date	Time	Result

L LEGEND:
I - Interview Completed
NE - Not Eligible
R - Refused
NH - Not at Home
V - Vacant
O - Other; Explain

G. FAMILY DAY CARE HOME QUESTIONNAIRE

This questionnaire can be thought of as a type of Operator Questionnaire. It is intended to be used for the small, informal day care arrangements that are found in family households.

The Screening Form to be used is the same form we used for the Parent Questionnaires in the area sample. The initial screening at each household will lead you to the proper questionnaire to use.

Let us review the Screening Form again and see what requirements must be met in order to find a household eligible for the Family Day Care Home Questionnaire.

H. ANCILLARY QUESTIONNAIRE

The Ancillary Questionnaire has not yet been developed for the Day Care Study. All we can say at this time is that it will be the last task to be performed and will most likely be conducted with only a couple of people. Perhaps with local CAP agencies, employment offices, school administrators, etc. So, we will not be able to examine the questionnaire at this time.

We will keep you advised of the status of the Ancillary Questionnaire and when it is developed we will transmit instructions to you via letter or phone.

VIII. MOCK INTERVIEWS

We have now covered all of the questionnaires that will be used for the Day Care Study. We will devote the next several hours to mock interviews and give each of you a chance to administer a section of the questionnaires.

QUESTIONNAIRES

1. DAY CARE OPERATOR QUESTIONNAIRE
2. PARENT QUESTIONNAIRE
    - a) Listed Users of Day Care Centers
    - b) Area Sample Cases
3. FAMILY DAY CARE HOME QUESTIONNAIRE

IX. REVIEW OF TASKS AND FIELD SCHEDULING

Estimated Beginning Field Date	Task Description
Immediately	Task 1 - Compile List of Day Care Centers
Sept. 15	Task 2 - Interview Day Care Center Operators
Sept. 15	Task 3 - Select Sample of Users from Center Operators
Sept. 20	Task 4 - Area Sample Cruising
Oct. 1	Task 5 - Interview Selected Sample of Users
Oct. 10	Task 6 - Area Sample Screening and Interviewing

X. ADMINISTRATIVE PROCEDURES

A. WESTAT ADDRESS

Before September 26, 1970 - Westat Research, Inc.
7979 Old Georgetown Road
Bethesda, Maryland 20014
Telephone (301) 652-9246

After September 26, 1970 - Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852
Telephone (301) 881-5310

B. WESTAT SUPERVISORS

Jim Daley - Project Director
Dunlap Scott - Assistant Project Director
Doris Krug - Assistant Project Director
Sue Goodman - Assistant Project Director
Marley Brounstein - Field Director

C. COMMUNICATIONS

1. All field interviewers are to report weekly to Westat by phone. You will be assigned a certain day to report. The

purpose of this weekly call is to report your current status and to cover field problems. Emergency problems will be handled as they come up — let us know immediately. Your immediate Westat Supervisor will be Dunlap Scott and in the event of his absence, your next contacts should be with Sue Goodman or Doris Krug, in that order. These supervisors will be ready to answer your technical questions on the Day Care Study.

2. Questions concerning rates, pay checks, supplies and materials, should be directed to Marley Brounstein.

3. Phone calls should be made station-to-station.

D. FORMS AND RECORDS

1. Day Care Center Compilation Listing Forms -- send original to Mr. Scott. Keep a duplicate for your records.

2. Cruising Maps -- send original with cruising notes to Mr. Scott. Keep a duplicate for your records.

3. All Questionnaires, Call Record Forms, Screeners -- send to Mr. Scott.

4. Time and Expense Sheets -- send to Marley Brounstein. Be sure to double-check for accuracy before mailing — errors will result in a delay of payment! Submit your time and expenses weekly.

E. MAILING PROCEDURE

All materials mailed to Westat should be sent first class mail. Use special delivery only when directed.

Be sure mailing envelopes and packages are securely packed and sealed.

Keep a diary record of each item you mail to us and what the package contained.

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852
(301) 881-5310

Study No. ____________

INTERVIEWER TIME AND EXPENSE RECORD

Name ____________________ Telephone (   ) ____________

Address ____________________

City ____________ State ____________ Zip ____________

Title of Study ____________________

****

Rate of compensation shall be $_______ per hour.

Other: ____________________

Automobile mileage allowance shall be _____¢ per mile.

As an independent contractor, it is the responsibility of the interviewer to report earnings and to insure personal liability.

(DAILY REPORT TO BE COMPLETED ON REVERSE SIDE)

Total Regular Hours ______ x $ ______ = $ ______

Total Other Hours ______ x $ ______ = $ ______

Sub Total $ ______

(If applicable) Supervisory Fee: $ ______ x ______ % = $ ______

Total Mileage Expense $ ______

Total Miscellaneous Expense $ ______

Total Due $ ______

I hereby attest these are true and honest interviews and that I work as an Independent Contractor with no deductions for Federal or State taxes withheld.

Date ____________ Signed ____________________

(over)

DAILY REPORT

NOTE: Time should be recorded to the nearest quarter-hour from the time the segment is reached until the workday is ended.

	HOURS WORKED										
Date	Time From	Time To	Total No. of Hours	No. of Travel Hours	No. of Field Hours	Other Hours - Explanation		No. of Screenings Completed	No. of Interviews Completed	Mileage	Telephone, Postage and Miscellaneous Expenses (Specify - Attach Receipts)
TOTALS											

PLEASE ATTACH EXPENSE RECEIPTS

LIST OF RANDOM NUMBERS

COL. I ENROLLMENT OR # OF MOTHERS	COL. II SAMPLE SIZE	COL. III RANDOM DIGITS				
1	1	1				
2	1	1	2			
3	1	3	1	2		
4	2	3	1	2		
5	2	1	3	4		
6	2	2	1	5		
7	2	7	5	2		
8	2	1	5	7		
9	2	5	6	9		
10	2	4	10	9	2	
11	2	8	9	1	11	
12	2	4	6	7	9	
13	2	9	5	3	4	
14	2	1	8	10	12	
15	2	8	4	5	7	
16	2	2	12	8	13	
17	2	16	5	10	15	
18	2	6	3	4	16	
19	2	14	11	4	18	
20	2	10	3	18	1	
21	2	9	10	18	1	
22	2	12	4	8	7	
23	2	3	22	2	11	
24	2	19	13	11	17	
25	2	17	24	25	23	
26	2	20	2	23	5	
27	2	24	6	27	23	
28	2	14	1	13	2	
29	2	17	18	20	10	
30	2	21	12	8	30	
31	3	2	18	11	19	3
32	3	3	19	22	4	31
33	3	25	24	5	33	32
34	3	22	32	26	25	15

LIST OF RANDOM NUMBERS

COL. I ENROLLMENT OR # OF MOTHERS				COL. II SAMPLE SIZE			COL. III RANDOM DIGITS						
35				3					8	15	30	10	28
36				3					24	14	30	8	23
37				3					13	16	6	17	19
38				3			29	38	1	10	31		
39				3			27	31	23	30	39		
40				3			6	27	1	19	38		
41				3			28	24	3	39	18		
42				3			33	30	29	13	39		
43				3			18	13	31	27	34		
44				3			3	39	30	24	28		
45				3			5	13	30	31	16		
46				3			19	14	16	35	6		
47				3			10	34	30	3	13		
48				3			18	37	31	35	48		
49				3			11	21	42	32	40		
50				3			20	48	11	32	27		
51				4			42	2	40	22	29	7	14
52				4			23	4	3	5	43	25	52
53				4			50	24	16	49	8	42	4
54				4			10	6	37	32	45	30	19
55				4			17	27	36	35	30	37	43
56				4			9	45	48	31	43	16	20
57				4			8	40	56	38	5	12	30
58				4			54	25	1	4	36	7	24
59				4			21	12	59	47	1	36	20
60				4			28	56	13	58	54	16	38
61				4			59	4	3	41	7	30	2
62				4			49	52	4	30	62	15	30
63				4			13	50	45	42	47	55	40
64				4			52	47	15	44	26	38	43
65				4			64	37	23	35	60	18	26
66				4			17	56	34	14	32	19	64
67				4			12	9	27	44	10	49	26
68				4			11	61	5	23	39	3	54
69				4			30	69	51	63	56	44	5

LIST OF RANDOM NUMBERS

COL. I
ENROLLMENT
OR
# OF MOTHERS

COL. II
SAMPLE
SIZE

COL. III
RANDOM DIGITS

70				4			53	59	6	51	37	23	3	
71				5		66	70	62	54	60	53	36	64	
72				5		67	49	51	6	4	1	36	40	
73				5		28	29	68	26	20	5	21	50	
74				5		74	41	51	66	64	11	21	59	
75				5		7	75	41	37	29	64	18	65	
76				5		6	24	61	5	25	75	53	55	
77				5		55	14	57	52	72	23	67	66	
78				5		47	5	69	62	8	37	3	1	
79				5		58	31	4	53	61	51	64	65	
80				5		57	25	68	78	41	54	28	75	
81				5		76	10	11	32	54	22	43	58	
82				5		77	45	67	35	62	9	22	71	
83				5		22	65	42	3	38	21	70	7	
84				5		55	80	48	84	29	74	53	82	
85				5		26	64	75	61	42	81	71	52	
86				5		44	43	34	13	50	36	71	27	
87				5		80	20	47	19	54	50	87	69	
88				5		67	78	61	83	45	75	30	1	
89				5		1	33	86	4	50	62	59	75	
90				5		80	58	65	50	76	3	46	85	
91			6		61	30	38	22	84	56	46	70	27	9
92			6		64	19	90	46	15	16	80	59	4	60
93			6		46	27	84	77	51	88	49	31	64	83
94			6		84	36	59	13	54	24	60	65	80	25
95			6		25	2	56	51	92	66	22	63	86	3
96			6		14	11	78	48	10	3	9	12	85	57
97			6		25	68	78	50	60	80	4	28	86	26
98			6		20	30	74	79	2	73	78	24	6	82
99			6		14	98	70	1.	48	30	84	87	71	99
100			6		18	62	96	22	64	37	28	10	60	13
101			6		90	26	94	13	47	23	37	73	69	20
102			6		32	45	86	77	64	74	95	59	53	66
103			6		38	32	3	98	8	91	23	16	26	60
104			6		18	91	21	104	56	59	81	79	14	17

LIST OF RANDOM NUMBERS

COL. I ENROLLMENT OR # OF MOTHERS				COL. II SAMPLE SIZE						COL. III RANDOM DIGITS				
105			6		53	50	10	101	81	72	29	69	63	94
106			6		82	71	11	32	51	91	3	54	87	22
107			6		69	71	81	89	16	99	77	7	47	13
108			6		30	96	46	14	80	22	64	27	98	12
109			6		19	25	27	12	31	108	75	54	48	92
110			6		47	30	86	101	35	83	36	98	26	63
111		7	26	71	30	103	101	27	36	94	91	13	31	57
112		7	67	83	54	61	11	110	23	9	57	43	50	58
113		7	99	61	85	65	111	61	21	50	59	105	3	5
114		7	96	23	55	38	84	58	20	43	27	76	14	42
115		7	102	10	63	112	32	108	6	68	43	62	61	5
116		7	52	72	3	4	75	45	36	30	101	1	80	85
117		7	103	78	106	14	18	62	96	22	107	105	64	37
118		7	28	10	105	60	13	90	26	94	47	23	37	73
119		7	69	20	32	45	86	77	64	74	95	59	53	66
120		7	115	38	118	32	3	106	98	8	91	23	16	26
121		7	60	18	117	91	21	104	110	121	56	59	81	79
122		7	115	14	79	17	53	50	10	101	81	72	29	69
123		7	109	63	94	82	71	11	32	51	91	3	54	87
124		7	22	69	71	81	89	16	99	77	7	47	13	30
125		7	95	46	123	14	80	111	22	64	27	98	109	115
126		7	12	19	25	116	120	27	12	31	108	75	54	112
127		7	48	120	92	47	30	86	101	35	83	36	98	26
128		7	63	26	71	30	103	101	27	123	36	94	113	91
129		7	13	31	116	57	67	83	54	61	11	110	123	23
130		7	09	57	43	50	58	99	61	85	65	111	21	123

DAY CARE STUDY FORMS

(Copies of these forms included in Appendix E)

A. Compilation listing sheet.

B. Westat letter to CAP, Welfare Departments, etc. to solicit cooperation.

C. OEO press release

D. OEO letter to selected day care center operators.

E. Letter to center parents (if necessary to obtain list of center users).

F. Call record form for area sample screening.

G. Questionnaires, instructions, screening forms.

H. Time and expense record form.

APPENDIX E

QUESTIONNAIRES

APPENDIX E

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*Note: The last question on page 8 of the Parent Questionnaire should have read "Is the respondent Spanish-American... ?"

Westat Research, Inc.
7979 Old Georgetown Road
Bethesda, Maryland 20014
Telephone 301 652 9246

The U.S. Office of Economic Opportunity, Washington, D.C., 20506, has issued a contract to Westat Research, Inc. to perform a national survey and analysis of child day care facilities (centers, group homes, and family homes), users and non-users of such facilities, and other ancillary sources. The following county/counties in were selected in our sampling procedure:

One of the primary purposes of the survey and analysis is to characterize the ongoing day care practice nationally in terms of program services, staffing, facilities, costs, clientele, and other variables. This task includes on-site surveys of existing day care centers and homes and interviews of families with regard to present use of day care services in relation to unmet needs for additional day care offerings.

Centers and homes will be sample selected from a county listing (a copy of which was requested via telephone to be mailed to our office) to be compiled and completed by Westat's field staff during the week of September 1, 1970. Users of day care facilities will be sample selected from a listing provided by operators. Non-users of facilities will be identified through an area probability sample within the selected counties.

Any assistance your office can provide Westat's field staff who will be responsible for compiling the list of child day care centers, group homes, and family homes, is appreciated.

Thank you for your cooperation in this important study.

Sincerely,

Dunlap Scott, Jr.

Dunlap Scott, Jr.
Assistant Project Director

SMSA: ____________________

____

IMPORTANT: PREPARE IN DUPLICATE

DAY CARE HOMES and DAY CARE CENTERS

LISTING SHEET

WESTAT RESEARCH, INC
Study No. 0824

IMPORTANT: PREPARE IN DUPLICATE

A. Listed by: ____________________ Date: ________

Address: ____________________

Phone: Area Code ______ - ______

B. Checked by: ____________________ Date: ________

____

____

C. County: ____________________

State: ____________________

Line No.	Name of Day Care Center, Day Care Home, or Nursery, etc., or Person Providing Day Care Services	Owner/Operator*	Address (include Zip Code)	Area Code and Phone No.	Size or Capacity	Hours of Operation From-To	Check if Licensed
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							

*Obtain if possible.

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852
Telephone 301-881-5310

October 12, 1970

Dear Interviewer:

Enclosed you will find the materials you will need for the interviewing of Day Care Center Operators. These materials are:

1. Screening Forms and Instructions for their use
2. Day Care Center Operator Questionnaires plus Instruction booklet
3. Procedure for obtaining a sample of mothers using Day Care Centers, plus Instructions, including random number tables plus Instructions for their use
4. Letter to users of day care centers to be sent when complete list of users is not available (see instructions with item 3 above)
5. Copy of a letter from the Office of Economic Opportunity to the Directors of the Center selected to be screened. The bulk of these letters was mailed October 12, 1970.

Your first task is to fill in the Screening forms according to the accompanying instructions. As soon as you have finished the screening of all Centers listed on your Screening form return the completed Screening form to Westat. If any Centers were found to be ineligible be certain to indicate the reason for exclusion in the "Remarks" column.

As you contact the centers in the process of screening them you can schedule appointments with the operators of those centers that are eligible. However, it is important that you complete the screening as quickly as possible and return the Screening form to Westat before you become involved in the actual interviewing.

You will notice that the questionnaire for interviewing parents who have children in the Centers is not included in this package. We have experienced some delays in the time preparation of this questionnaire but it will be in your hands soon.

Please read carefully the enclosed procedures for "Sampling Listed Users of Day Care Centers". Since you do not yet have the Parent questionnaire, if you reach a point where you are receiving letters from users indicating a willingness to be interviewed, you should call these people on the telephone, thank them for their cooperation and tell them that you will be in touch with them again within about 10 days to make a firm appointment for an interview.

You will also notice that the enrollment size on the random number table goes only to 130. Should you need to use the random number table for a center with an enrollment of more than 130, please contact Mr. Schueller at Westat for the appropriate selection of random numbers. Also, call Westat if you need additional copies of the letter to parents.

If you have any other question regarding the enclosed material please call Westat.

Yours truly,

James M. Daley

James M. Daley
Project Director

JMD:pt
Enclosures

Instruction for "Day Care Center Sample Screening Form"

1.) The attached form lists the names and addresses of the day care facilities in your area, which were selected for screening and, if eligible, for subsequent interview.

2.) If we did not provide you with the telephone number of the facility, look it up in the local telephone directory and record it in the space provided in the first column.

3.) Enter the date of successful telephone contact in the second column.

4.) When contact is made start out as follows:

Hello ____________________. My name is ____________________ of Westat Research, Inc. in Bethesda, Maryland. We are conducting a survey of Day Care Centers for the U.S. Office of Economic Opportunity.

Have you received a letter from OEO which explains the purpose of this survey?

5.) If the answer is "Yes" ask whether any of the enrolled children attend for at least 7 hours. If the answer is "No" read the letter over the telephone and follow up with the same question.

6.) If some children do attend for 7 hours or more, put a check mark in the "Does Provide" column. If no children attend for 7 hours or more, put a check mark in the "Does Not Provide" column.

7.) If seven hour care is provided for any children make an appointment to interview the operator. If seven hour care is not provided for any children thank the operator for her time and cooperation and discontinue interviewing.

8.) It is essential that you carry out the above screening procedure for all names and addresses listed on the screening form.

9.) If an operator refuses to be interviewed indicate this fact in the "Remarks" column of the screening form.

10.) After the screening form is completed for all listed centers it is to be returned to Westat Research Inc.

DAY CARE CENTER SAMPLE
SCREENING FORM

PSU ____________

COUNTY ____________

Name and Address of Selected Centers	Date of Telephone Contact	Name and Title of Person Talked To	7hr. Care		Remarks
			Does Provide	Does Not Provide	
Name: Address: Telephone.					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					
Name: Address: Telephone:					

E.2 Pre-testing of instruments for day care survey

E.2.1 Day Care Center Survey Operator Questionnaire (long form)

The final form of the Day Care Operator Questionnaire evolved from four versions of this instrument.

The first version contained questions in six categories - enrollment, facilities and activities, staff, fees and income, parents, and attitudes. This version was pre-tested in six day care centers in Houston, Texas.

Following this pre-test a second version was drafted. In this version, the financial section was considerably expanded and the questionnaire was changed to ask only about full time enrollees except where specifically noted. This version was pre-tested using listed centers in Montgomery County, Maryland. Thirteen centers were contacted by phone. Nine centers agreed to be interviewed to pre-test this version of the questionnaire. Three of the centers interviewed were small centers and did not have good financial records although they all tried to estimate the information needed. Two of the remaining centers had reasonable financial data. In the last center, the owner was not present and the operator did not have access to the financial records.

At each of the six centers an attempt was made to obtain the names of the parents of children enrolled and their telephone numbers so that a list of center users could be compiled for sampling and interviewing. Of the six centers interviewed only one offered a list of all enrollees; two centers offered to give us three names each; and three centers felt that this was an invasion of their privacy, and would not divulge any names. Subsequently, a procedure was devised whereby the interviewer would ask for the complete list, but if she met with resistance she requested that the operator select randomly the desired number of respondents (with assistance from the interviewer in determining who should be selected). If this were also unacceptable, a request was made that the operator send a letter to all parents requesting permission to be interviewed.

Following this pre-test, another draft of the questionnaire was developed that included a check list of the types of equipment and materials available for children's use at the center. The section on medical services was also expanded at this point. This version of the questionnaire was pretested at a Head Start Center in Greenwood, South Carolina and also at four centers in the Arlington/Alexandria, Virginia area. Following this, the questionnaire was revised to clarify certain questions and considerably reduced in size. This version was submitted to the Office of Economic Opportunity (OEO) on August 14, 1970.

The questionnaire was reviewed by Westinghouse Learning Corporation's Project Director in light of the experience gained during the community studies. Again it was reduced in complexity and in length. Some of the data requested in the earlier versions would have proved to be difficult to collect and possibly misleading to interpret. This reduction was reviewed with the contract manager and the questionnaire was resubmitted to OEO on September 24, 1970.

It was estimated that the final version would require between one and one and one-half hours to complete.

E.2.2 Screening Questionnaire

A separate instrument called the Screening Questionnaire was devised midway through revisions in the Parent Questionnaire. In this questionnaire, we determined if the household was in fact a Family Day Care Home or a Group Home. If so, we selected the appropriate questionnaire. If it was not, we determined:

1. If there were children in the household 9 years or younger, and
2. If the income was less than $8,000.

If both of these criteria were met we determined if the respondent was the appropriate person in the household to talk to and if so selected the Parent Questionnaire.

E.2.3 Parent Questionnaire

This questionnaire was intended for use with persons whose names were obtained through day care centers (i.e., actual users of day care centers) and other mothers whom we encountered in our area probability sample.

The format of the original form of the questionnaire drew heavily from the instrument that had been used to interview parents in the Ruderman study.[1] The first version was pre-tested with three mothers in Houston and then a number of modifications were made to clear up problems that became obvious at that time. The second version was pre-tested six times in Washington, D.C. and the results indicated that the questionnaire was difficult for the interviewers to use.

At this point, a completely new version of the questionnaire was written which used a much simpler format. Rather than a separate set of questions for each possible day care arrangement (the format used by Ruderman), a day care chart was devised on which the arrangements for a particular child could be recorded along with a few pieces of information about each arrangement.

The Screening Questionnaire and the new version of the Parent Questionnaire were pre-tested six times in low-income areas of Washington, D.C. and Arlington, Virginia. It was also reviewed by the interviewers at the intervieweing training sessions. It represented a marked improvement in the direction of simplicity. However, problems were still encountered when mothers had several children and a number of

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[1] Ruderman, F.A. Child Care and Working Mothers, Child Welfare League of America, Inc., 1968.

"piecemeal" arrangements for each, particularly if the mother worked irregular hours so that different arrangements were used depending on whether she was working the day shift or the night shift.

Therefore, a last revision was made, again in the direction of simplicity. In the final version, a working mother was questioned only about the arrangements she used on the last day she worked.

The final version of the questionnaire was pre-tested six times in low income neighborhoods in Fairfax County, Virginia. Our best estimate of the time required was 20 to 30 minutes for a working mother and 10 to 15 minutes for a nonworking mother. The few remaining problems seemed to be the difficulty people had in telling us their annual family income and the problem of describing payments for day care where they were not based on a per child per unit time base. With respect to the former problem, we chose the rules used by the Census Bureau to define what should be included in family income and who should be included in the family. There were still some cases where the respondent could not or would not give us accurate information on this, but we minimized these incidents.

With respect to the second problem, we asked the interviewers to record the details of any pay arrangements that were not easily broken down into a "per child per hour, day or week" amount. We left space on the day care chart for them to report this. The Central Office then handled the problem of converting these figures to "child hour" amounts.

E.2.4 Day Care Center Survey Operator Questionnaire (short form: for family day care homes)

The short form of the Day Care Center Survey Operator Questionnaire was used when the interviewer uncovered a family day care home in the course of canvassing a sampled area. This questionnaire was used only when there was no paid full-time additional outside help. In other cases the long form was used.

The first version of the questionnaire was pre-tested twice in the Washington, D.C. area. Subsequently, a number of changes were agreed upon by Westat, WLC and OEO, and a second version was pre-tested four times in low income areas of Fairfax County, Virginia. This questionnaire took about 30 to 35 minutes to administer.

The major problem in using it was the concern of the respondents (particularly in certain locales) that, in spite of our protestations to the contrary, we were in fact representatives of a licensing agency. Where we could not alleviate this concern, the individuals either refused to talk to us or denied that they were caring for children. With the proper identification showing the interviewer's affiliation with Westat and the letter on OEO letterhead soliciting cooperation from operators, our interviewers were able to keep such refusals to a minimum by establishing good rapport with the respondent in the early part of the interview.

OFFICE OF ECONOMIC
OPPORTUNITY

EXECUTIVE OFFICE OF THE PRESIDENT
WASHINGTON, D.C. 20506

OCT 1970

Under contract with the Office of Economic Opportunity, Westinghouse Learning Corporation and Westat Research Incorporated are conducting a national survey of day care for children. The purpose of this survey is to find out about the availability of day care services nationwide, the extent of the need for day care, and the factors which must be considered in developing plans for any significant expansion of day care nationally.

This survey is not an evaluation. No judgments as to the quality or desirability of various kinds of day care will be made on the basis of these survey visits to child care centers. We are simply trying to describe typical local day care services and facilities as they exist today.

Your day care center has been selected through a random sampling process as a representative facility of its size. An interviewer will be contacting you in the next few days for an appointment. The interview should take about an hour of your time, and the appointment will be arranged to fit your schedule and convenience.

The interviewer will be asking questions regarding your facility's:
1) present enrollment, 2) staff, professional and supporting, 3) program, 4) fee structure, 5) expenses, and 6) problems.

We earnestly solicit your cooperation in this effort. The survey, which is the first to be conducted on a national cross-sectional basis in the day care field, will provide badly-needed information for both national and regional policy makers and planning bodies. All information obtained will be treated as confidential. Individual center questionnaires will be coded for processing in such a way that no specific identification of individual facilities will be revealed in the published data.

We thank you for taking time to respond to our questions.

Sincerely,

Wray Smith

WRAY SMITH, Project Manager
Day Care Survey and Analysis
Office of Research and Evaluation

INTERVIEWER
INSTRUCTIONS

Day Care Center Survey

Operator Questionnaire

FALL 1970

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

INTRODUCTION

Please record all answers clearly and legibly.

Record an answer for all questions, particularly where there are several categories, each calling for a "Yes" or "No" answer. Do not leave any blanks.

If an answer is secured from a source other than the respondent, indicate who supplied the answer. This may apply especially in the "Fees and Operating Costs" section.

Be sure to assure the respondent that all answers will be treated as confidential and that no individual respondent or Center (Home) will be identified in any of the reports growing out of this project.

INTERVIEWER INSTRUCTIONS

(Operator's Questionnaire)

Question No.	
1b.	If operator has living quarters at the Center or if it is a home we are interested in finding out how long the Center (Home) has been operating at this address, not how long the owner has been living there.
2c.	If Center (Home) is open for less than 12 months, indicate the number of months and also the actual period, i.e., 6 months, January - June.
3.	In order to qualify for "full-day" or "combination", some children must actually be at the Center (Home) for 7 hours or more per day. A Center (Home) which has children attending in two shifts, for instance 8 AM - 12 NOON, and from 1 PM - 5 PM would have to be marked as "part-day" unless some of the children attend for 7 hours or more.
4.	How many children are actually enrolled to attend the Center, as of the date of the interview?
7.	Although 100 children may be enrolled, the daily attendance may only be 80. Use an appropriate example like this to explain the question to the respondent.

9. Be sure that the operator of the Center (Home) interprets "applicants" to mean "children" not parents. Thus, a mother applying for enrollment of her 3 children counts as 3 and not 1.

11b. Note that the answer to the preceding question (11a) may be "Yes" but that no such children are actually enrolled in the Center (Home) at this time. In such a case be sure to put a "zero" in answer to 11b.

14. If the Center (Home) is owned and operated by the licensee (s) circle 7 (Private Company).

18c. If the answer to 18a indicates that the Center (Home) uses or has access to more than one play area try to get the square footage for each one. This information might be on the application for license.

19. It is recognized that operators in some cases, might have difficulty in estimating replacement costs. In such cases try to urge the operator to do his best in making such an estimate. If these estimates seem to you, in some cases, to be way out of line, try to discuss these items patiently with the operator and possibly get him to revise his figures.

23. If a service is available through the center and it is paid in part by both the parent and by an outside source, put a check in both boxes.

24a. Mark "Yes" only for those meals actually furnished by the Center (Home). Do not count for instances bag lunches brought by the children from home.

28b. Be sure to record all staff members of Center (Home) including non-professionals. In the column under present salary indicate the period the salary is for (per week, month, year). Put a "V" in this column for all volunteer staff members.

Under RACE use the following designations:

- W White
- N Negro
- S Spanish-American (Puerto Rican, Mexican, Cuban, etc.)
- OA Oriental-American
- AI American Indian
- O Other (specify)

Two parent household does not necessarily actually mean "biological" parents, nor does it necessarily mean "married". What we are actually interested in is whether there are two adults in the household (one male and one female).

34b. Stress the fact that we are asking for family income. It is recognized that this may be a difficult question for the operator to answer but we are interested in an estimate. It is also possible that information on this point is contained in the Center's (Home's) files. If the operator refuses to give this information claiming that it is confidential, please note that fact on the questionnaire, and proceed.

Section VI Fees and Operating Costs

Questions 38 and 47

First attempt to get a written statement (Profit or Loss statement or source of fund statement) of income and expenditures. If you cannot get a copy to take with you copy the figures down on the back of the questionnaire page. If the operator refuses to give you financial data, do not press the point and just note such a refusal on the questionnaire.

In some cases the operator may say that such data is only available at another place (such as a company headquarters). In such a case try to get this information from the indicated source if it is located in the same city. If it is not, note address and location on questionnaire.

In all cases where you report any figures be sure to indicate on the questionnaire the source of the figures.

Questions 40 - 43

First, attempt to get a copy of the written fee schedule to take with you. If you cannot get a copy, then try to fill in the figures on the table in the questionnaire, keeping in mind applicable skip instructions.

In some centers, the fee schedule, based on income and number of persons in the family, applies only to the first enrolled child of that family. For additional children from that family some kind of adjustment is made. In other words, the fee is based on income, family size, and number of enrolled children from a family. If this is the case, please describe the adjustment on the questionnaire on the back of page 16.

49. Try to list the two most important problems facing the operator.

SPECIAL NOTE:

It is possible that some of the centers you contact will have very small enrollments. Should you encounter a center with less than 7 full-day children (including the operator's own children under 14 years of age) use the regular, long-form of the Operator Questionnaire with the following changes:

1. Omit these items: Q. 12a, 12b, 14, 16, 19, 23, 24b, 26b, 28c, 29, 30, 31, 32, 33. 50, 51.
2. In Questions 28a and b: If there are no employees, list only the operator.
3. In Questions 34 (a,b, and c): Instead of percentages, ask for numbers.

4. Omit Questions 37a to 47 c, except Q. 41 and follow this up with: Are there any adjustments you are making in the fee if more than one child from the same family is attending your center on a full day basis?

Yes ______
No ______

If "Yes", explain:

____

Record the answers to this question on the back of the page facing Question 41.

REMEMBER: The above changes apply only when the full-day enrollment is less than 7 children including the Operator's own children under 14.

BoB No. 116S-70019
Expiration Date:
February 28, 1971

OFFICE OF ECONOMIC OPPORTUNITY

WASHINGTON, D. C.

DAY CARE CENTER SURVEY
OPERATOR QUESTIONNAIRE

(Long Form: FOR DAY CARE CENTERS)

NAME OF CENTER: ______________________________

ADDRESS: ______________________________

CITY: ______________ STATE: ______________ ZIP: _____

TELEPHONE NUMBER: ______________________________
(AREA CODE) (NUMBER)

NAME AND TITLE OF RESPONDENT:

____

____

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland

INTERVIEWER NAME: ______________________________

DATE OF INTERVIEW: ______________ TIME: __________

I - GENERAL INFORMATION

1a. How long has your Center (Home) been in operation?

________Years

or ________Months

1b. How long at this address?

________Years

or ________Months

2a. How many days per week is your Center (Home) open?

____

2b. What hours of the day are you open?

From________To________

2c. How many months per year is your Center (Home) open?

____

3. How would you characterize your day care center's (home's) schedule?

Children come for full day (7 hours or more) only. . 1
Children come for part day (less than 7 hours) only . 2
Combination. 3
Other (Specify)____ 9

4. What is your enrollment today?

Full Day________

Part Day________

II - ENROLLMENT

5. Could you tell me the enrollment in your Center (Home) by the age of the children? Please separate children by full-day and part-day enrollment.

Age of Children	Number of Children Full-Day	Number of Children Part-Day
Under 2	________	________
2	________	________
3	________	________
4	________	________
5	________	________
6	________	________
7 or over	________	________

INTERVIEWER: THE TOTAL OF FULL-DAY AND PART-DAY CHILDREN SHOULD CORRESPOND TO THE TOTAL ENROLLMENT ENTERED IN QUESTION 4.

INTERVIEWER READ TO RESPONDENT

SINCE THIS QUESTIONNAIRE IS DESIGNED TO OBTAIN INFORMATION ON CHILDREN ENROLLED FULL-DAY (7 HRS. OR MORE), PLEASE KEEP IN MIND THAT THE NEXT FEW QUESTIONS REFER ONLY TO THE ________ (number) CHILDREN ENROLLED FULL-DAY.

6a. How many of your full-day enrollees are:

boys? ________
girls? ________

6b. Of your full-day enrollees, how many are in each of the following ethnic groups:

	Number of Children
White	________
Negro	________
Spanish-American	________
Oriental American	________
American Indian	________
Other (Specify ________	________

7. Of your full-day enrollment, what is your attendance today?

____

8. In your Center (Home), how many children are enrolled to attend full-day:

Days per Week	Number of Children
4 days per week or less	________
5 days per week	________
6 days per week	________
7 days per week	________

9. How many applicants for full-day care are presently on your waiting list?

____

No list maintained.... 2

10. What is the average length of time any one child remains enrolled in your Center (Home) on a full-day basis?

For the school year.	1
Six months or less	2
Seven months to twelve months. .	3
One year to two years	4
More than 2 years	5

11a. Do you accept any physically handicapped and/or mentally retarded children?

Yes. . . 1

No . . . 2 (SKIP TO Q.12a)

11b. IF YES, How many such children do you have enrolled now?

Full-day_____________

Part-day_____________

189

III - FACILITIES AND ACTIVITIES

12a. Is this center a proprietary (profit-making) organization?

Yes. . 1 (SKIP TO 13a)
No . . 2

12b. IF NO: Where does the money to operate this center come from?

(INTERVIEWER: CIRCLE ALL THAT APPLY)

	Yes	No
Parent fees	1	2
Community Action Agency	1	2
Welfare Department.	1	2
Community organization (such as United Fund or any other local charity or service organization).	1	2
Church.	1	2
Other (specify) ______________________	1	2

____

13a. Do you get help or support (volunteer services, equipment, staff, food, etc.) from any other sources?

Yes. . 1
No . . 2 (SKIP TO 14)

13b. IF YES: Who gives this help?

	Yes	No
Community organization.	1	2
Church.	1	2
Community Action Agency	1	2
Individuals	1	2
Welfare Department.	1	2
Private company	1	2
School or university.	1	2
Hospital.	1	2
Other (specify) __________________	1	2

____

14. What agency or organization is directly responsible for operating this center or who do you report to?

United Fund	1
Community organization (such as citizens committee or association).	2
Community Action Agency	3
Church.	4
School or university.	5
Welfare Department.	6
Private Company	7
No one.	8
Other (Specify) ______________________	9

____

15a. Are the facilities

Owned by you?	1 (SKIP to Q.15c)
Rented?	2
Donated or provided free to you?	3
Other (specify) ____________________ ________________________________	9

15b. IF OTHER THAN OWNED, Ask:

From whom are the facilities rented or donated?

A hospital	1
A church	2
A school or university	3
A private company	4
A federal, state, or local government agency What agencies? ________________ ________________________________	5
A private individual	6
A private service organization	7
Other (specify) ____________________ ________________________________	9

15c. What year was this building built?

____

Don't know ☐

16. Is your facility housed in a building used exclusively for day care or related activities (e.g., nursery school, parent education, etc.)?

Yes	1
No	2

17. Which of the following does your Center (Home) have?

	Yes	No
Fire alarm system - electrically operated	1	2
Fire alarm system - manually operated	1	2
Fire extinguisher(s)	1	2
Kitchen	1	2
Washbasins	1	2
Number child sized ________		
Number adult sized ________		
Running water	1	2
Flush toilet facilities	1	2
Number child sized ________		
Number adult sized ________		
Administrative office	1	2
Classrooms	1	2
How many classrooms? ______		
Child sized tables and chairs	1	2
Telephone	1	2
Isolation space for sick children	1	2

18a. Does your Center (Home) use an outdoor play area?

	Yes	No
Belongs to Center (Home)	1	2
Private playground not belonging to Center (Home)	1	2
Public playground	1	2
Other (specify) ______________________	1	2

IF ALL NO: Skip to Q.19

18b. IF YES: Please tell me whether this play area is furnished with equipment for:

	Yes	No
Pushing	1	2
Climbing	1	2
Pulling	1	2
Riding	1	2
Swinging	1	2
Other (specify) ______________	1	2

18c. What is the square footage of the outside play area?

____

19. Please tell me if you have any of the following kinds of equipment:

				ESTIMATED REPLACEMENT COSTS								
	Yes	No	Is any of it donated? (RECORD ALL, SOME OR NONE)	Less than $100	$100-$199	$200-$299	$300-$399	$400-$499	$500-$599	$600-$699	$700-$799	$800 or more (PLEASE RECORD ESTIMATE)
I. Indoor muscle development equipment (big blocks, carts, trucks, tumbling equipment, etc.)												
II. Equipment for quiet play (books, beads, peg boards, puzzles, lego, etc.)												
III. Equipment for art work (paint, scissors, colored paper, clay, easels, crayons, blackboards, etc.												
IV. Doll play and housekeeping toys (play kitchen, dolls, doll furniture, dishes, dressups)												
V. Musical toys and instruments (rhythm instruments, piano, record player, etc.)												
VI. Outdoor equipment (INCLUDE ONLY WHAT BELONGS TO THE CENTER)												
VII. Science equipment (pets, aquarium, prisms, magnifying glass, etc.)												
VIII. Cots, sleeping mats, cribs												
IX. Audiovisual equipment (television, projectors, etc.)												
X. Any other special educational materials or equipment: LIST:												

20. Do you have a written schedule of children's activities?

Yes	1
No	2

INTERVIEWER: IF YES, OBTAIN A COPY AND ATTACH TO THE QUESTIONNAIRE.

21. What kind of records do you keep on the children?

	Yes	No
Background information (application form). .	1	2
Medical records.	1	2
Attendance records	1	2
Developmental measures	1	2

22a. Does your Center (Home) require the full-day enrollees to have a physical examination before being admitted?

Yes	1
No	2

22b. Do you have an arrangement for emergency services from a:

	Yes	No
Hospital/Clinic. . .	1	2
Physician.	1	2
Nurse.	1	2

23. Are any of the following services offered by or through your center (home)?

		SERVICE AVAILABLE			
	Not Available	Cost Included in Fee	Extra Charge to Parents	Paid for by Outside Source (State, Federal, Local, or Private Source)	Other (Ex: Volunteer)
A. PHYSICAL EXAMINATION					
B. DENTAL EXAMINATION					
C. VISION SCREENING TEST					
D. SPEECH TEST					
E. HEARING TEST					
F. PSYCHOLOGICAL TESTING					
G. SOCIAL WORK					

INTERVIEWER: DETERMINE IF THE SERVICE IS AVAILABLE AND WHO PAYS FOR IT AND PUT A CHECK IN THE APPROPRIATE BOX.

24a. Which of the following meals do you serve to the full-day enrollees?

	Yes	No
Breakfast	1	2
Lunch	1	2
Dinner	1	2
Morning Snack	1	2
Afternoon Snack	1	2

24b. Where are these meals prepared?

	Yes	No
Center(Home) kitchen	1	2
Public School kitchen	1	2
Caterer	1	2
Other (Specify) __________	1	2

____

25a. Do you provide care for children who are also enrolled in school?

	No. of children	
Yes, before school only	________	
Yes, after school only.	________	
Yes, both before and after school . .	________	
No.	________	☐(SKIP TO Q.26a)

25b. IF YES: Do you have a program for these children who are enrolled before and/or after school?

	Yes	No
Educational	1	2
Recreational.	1	2
Remedial (Tutoring)	1	2
Other (specify) ____________________	1	2

____

26a. Which of the following meals do you serve to children who are enrolled before and/or after school?

	Yes	No
Breakfast	1	2
Lunch	1	2
Dinner	1	2
Morning Snack	1	2
Afternoon Snack	1	2

26b. Where are these meals prepared

	Yes	No
Center (Home) kitchen	1	2
Public school kitchen	1	2
Caterer	1	2
Other (specify) ____________________	1	2

____

27. Do you allow children to attend your Center (Home) when they have colds or other minor illnesses?

Yes	1
No	2

IV - STAFF

28a. How many staff members (including volunteers) are there in the center? (PLEASE INCLUDE ALL OF THEM.) __________

28b. Please list them for us. Please start with yourself.

Title or Primary Function	Age	Race	Sex	Hours Per Week	Ed. Level/ Major Area	Present Salary	Years of Related Experience/ Length of Time at Center

INTERVIEWER: INDICATE VOLUNTEERS BY PLACING A 'V' IN THE COLUMN FOR PRESENT SALARY.

28c. Within the last year, have any of your staff members (including volunteers) participated in "in-service" training such as workshops in early childhood development, etc.?

Yes. . . 1
No . . . 2

IF YES, How many staff members? __________

29. How many of your teachers are certified by the State?

	Number of Teachers
Total State Certified	_____
Certified in nursery/kindergarten	_____
Certified in early childhood development	_____
Certified in elementary education	_____
Other (Specify) ____________________	
____________________	_____

30. In what way do you get new staff at your Center (Home) ?

	Yes	No
Recruit them	1	2
Referred by Public agency	1	2
Apply on their own	1	2
Friends and associates	1	2
Other (Specify) ____________	1	2
____________________		

31. Have you experienced difficulty in hiring staff?

Quite a bit . . . 1
Some. 2
Very little . . . 3
None at all . . . 4 (SKIP TO Q.33)

32. If you have experienced difficulty in hiring staff, which of these reasons has been a problem?

	Serious Problem	Minor Problem	No Problem
A. Applicants not qualified	1	2	3
B. Low salary	1	2	3
C. Working hours.	1	2	3
D. Location of Center (Home). . . .	1	2	3
E. Other (specify) ____________ ____________________	1	2	3

33. INTERVIEWER: WHERE NON-ENGLISH SPEAKING CHILDREN ARE PRESENT, ASK:

How many of your staff use a foreign language when working with non-English speaking children?

____
(number)

V. PARENTS

34. For the following questions, I would appreciate your giving me your best estimates. Please give us the following information on the families of the children currently enrolled on a full-day basis.

	% of Total Full-day Enrollment
a. Parent's Marital Status:	
Two parent household	____
One parent household	
Female head of household only	____
Male head of household only	____
Other (Specify) ____________________	____
____________________	
Don't know	____
TOTAL =	100%

b. Family Income (before taxes):	
Under $2000	____
$2000-$3999	____
$4000-$5999	____
$6000-$7999	____
$8000-$9999	____
$10,000 or more	____
Don't know	____
TOTAL =	100%

c. Employment Status of Mother:	
Full-time	____
Part-time	____
Not working	____
Don't know	____
TOTAL =	100%

35a. Do members of your staff have individual conferences with parents?

Yes. . . 1
No . . . 2

35b. What is the purpose of these conferences?

____

____

____

____

36. Do parents regularly participate in:

	Yes	No
Caring for children at the Center (Home). .	1	2
Policy making/running of Center (Home). . .	1	2
Fund raising.	1	2
Repairing or making equipment	1	2
Other (Specify) ____________________	1	2
____________________		

VI - FEES AND OPERATING COSTS

INTERVIEWER: EXPLAIN THE USE TO BE MADE OF THE FINANCIAL DATA AND THE CONFIDENTIAL TREATMENT TO BE GIVEN EACH RESPONDENT'S QUESTIONNAIRE.

37a. What are the total annual gross receipts of your Center (Home) ? $ ________

37b. To which annual period does this gross receipt figure apply?

From __________ 19__ to __________ 19__

38. How much of your Center's (Home's) total annual gross receipts is received from the sources listed below:

Parent Fees $ ________

Federal government sources

  Department of Labor ______
  O E O (CAP) ______
  H E W ______
  Other Federal ______

State government sources ________

Local government sources ________

Community Organizations (e.g. UGF) ________

Individual Contributions ________

Other (Specify) __________ ________

____

TOTAL $ ________

INTERVIEWER: THIS TOTAL SHOULD EQUAL THE ONE GIVEN IN Q.37A. IF IT DOES NOT, QUESTION THE RESPONDENT FURTHER. IT IS PREFERABLE TO TAKE THESE FIGURES DIRECTLY FROM THE CENTER'S PROFIT AND LOSS, OR SOURCE OF FUND STATEMENTS IF THEY ARE AVAILABLE.

INTERVIEWER: INQUIRE ABOUT THE CENTER'S FEE SCHEDULE FOR FULL-DAY ENROLLEES AND OBTAIN A COPY IF ONE IS AVAILABLE.

39. Is the basic weekly fee for full-day attendance of your Center (Home) the same for each child?

Yes. . . 1(SKIP TO Q.41)
No . . . 2

40. Does this basic weekly fee depend, in some cases on:

	Yes	No
A) Family income and/or size	1	2
B) Number of attendees from same family	1	2

INTERVIEWER:

IF YES TO A) SKIP TO Q.42
IF YES TO B) SKIP TO Q.43
IF YES TO BOTH A) AND B) ASK BOTH Q.42 AND Q.43.

41. What is the basic weekly fee for a child attending your Center (Home) on a full-day basis?

$ 00 -$ 4.99. 1
5.00 - 9.99. 2
10.00 - 14.99. 3
15.00 - 19.99. 4
20.00 - 24.99. 5
25.00 - 29.99. 6
30.00 - 34.99. 7
35.00 - 39.99. 8
40.00 - 44.99. 9
45.00 or more (specify). 0
____

INTERVIEWER: IF WEEKLY FEE IS FOR OTHER THAN 5 DAY WEEK, SPECIFY THE NUMBER OF DAYS THE FEE REPORTED INCLUDES. _______ DAYS

INTERVIEWER: SKIP TO Q.44.

42. Please complete the following table giving the basic weekly fee charged for a child attending your Center (Home) on a full-day basis, for each indicated family size and for each family income class used by the Center (Home) in determining fees.

INTERVIEWER: IF FAMILY SIZE IS NOT A FACTOR IN DETERMINING FEES, USE ONLY THE FIRST COLUMN. IF FEES ARE OTHER THAN WEEKLY RATES PLEASE INDICATE THE PERIOD USED.

ANNUAL FAMILY INCOME	FAMILY SIZE NOT RELEVANT	NUMBER OF CHILDREN IN FAMILY					
		1	2	3	4	5	6

INTERVIEWER: AFTER COMPLETING THE SCHEDULE OF FEES ABOVE SKIP TO Q.44, IF NO TO Q.40B. OTHERWISE ASK Q.43.

43. What is the weekly fee for a child attending your Center (Home) on a full-day basis when there are 2 or more children from the same family?

	Fee for first child	Fee for second child	Fee for third child
$ 00 - 4.99.	1	1	1
5.00 - 9.99.	2	2	2
10.00 - 14.99.	3	3	3
15.00 - 19.99.	4	4	4
20.00 - 24.99.	5	5	5
25.00 - 29.99.	6	6	6
30.00 - 34.99.	7	7	7
35.00 - 39.99.	8	8	8
40.00 - 44.99.	9	9	9
45.00 or more (specify).	0 $____	0 $____	0 $____

INTERVIEWER: IF WEEKLY FEE IS FOR OTHER THAN 5 DAY WEEK, SPECIFY THE NUMBER OF DAYS THE FEE REPORTED INCLUDES. ________ DAYS

44. Are there any other adjustments made in the fee schedule you have given me? (e.g., for infants, church membership, handicaps, or special problem cases, etc.)

Yes. . . 1
No . . . 2

IF YES, Explain...

____

____

45. Does your Center (Home) charge anything extra for furnishing any of the following?

	Yes	No		
Food	1	2	$ ________	per ________
Transportation . .	1	2	$ ________	per ________
Medical.	1	2	$ ________	per ________
Insurance.	1	2	$ ________	per ________
Field trips. . . .	1	2	$ ________	per ________
Other (specify) ________	1	2	$ ________	per ________

INTERVIEWER: OBTAIN THESE EXTRA CHARGES FOR THE CHILD RECEIVING 'ROUND TRIP' TRANSPORTATION SERVICE, AND ALL MEALS NORMALLY PROVIDED BY THE CENTER, ETC.

46. For the children currently enrolled full-day, please tell me the percentage of children whose fees are paid by the following sources:

	Percentage of Children
Child's parents only.	____
Public Assistance (Agencies) only .	____
A combination of the above two sources	____
Other (specify) ________________	
________________	
TOTAL	100%

47a. Do you have an annual budget or a profit or loss statement which would provide a breakdown of the costs of operating your center?

Yes. . . . 1
No 2

47b. IF YES, May I have a copy of last year's budget or profit or loss statement?

Yes. . . . 1
No 2

47c. IF NO, Can you tell me the total annual cost of operating your Center (Home)? Please give me the total annual cost for the same period for which you reported receipts.

$____________

VII GENERAL

48a. Do you see a need in your community for more day care facilities?

	Yes	No	Don't Know
A. For working mothers	1	2	3
B. For other mothers	1	2	3
C. Other (Specify) ______			
______________________	1	2	3

IF ALL "NO": SKIP TO Q. 49

48b. What type of day care programs are needed?

	Yes	No	Don't Know
A. Full-day	1	2	3
B. Part-day	1	2	3
C. After school facilities (i.e., group work, recreation programs)	1	2	3

49. What problems do you face in operating your Center (Home)?

1) ______________________________

2) ______________________________

50. Is your Center (Home) licensed to operate in this community?

Yes. . .1 IF YES, for how many children? ______

No . . .2 IF NO, are you in the process of being licensed?

Yes	1
No	2

51a. What is the total square footage of space in your center?

____

INTERVIEWER: Please indicate the source of square footage figure given.

____

52. Do you get any assistance from state, county, or local agencies, such as help with program planning, menu suggestions, equipment lists, consultation about individual children?

Yes	1
No	2

THANK RESPONDENTS FOR THEIR COOPERATION AND TERMINATE INTERVIEW. OBTAIN COPIES OF THE APPLICATION FORM AND FEE SCHEDULE IF POSSIBLE.

INTERVIEWER:

AFTER YOU HAVE CONDUCTED THE INTERVIEW WITH THE CENTER (HOME) OPERATOR, RECORD HERE SOME OF YOUR OBSERVATIONS.

1) What type of building does the Center (Home) occupy?

Residence, single dwelling unit	1
Residence, duplex or town house	2
Apartment building	3
Building built for day care	4
Church	5
Community center (settlement house)	6
Store-front	7
Public housing	8
School	9
Other (Specify) ____________________ ____________________	0

2) What type of neighborhood?

Residential neighborhood of predominantly single-family homes	1
Residential neighborhood of predominantly apartment buildings	2
Non-residential section of predominantly institutional buildings	3
Non-residential section--commercial or industrial	4
Rural Area	5
Other (Specify) ____________________ ____________________	6

3) What is the condition of the facility?

Internal ____________________

____

External ____________________

____

RECORD HERE OR ON THE BACK OF THIS PAGE ANY OTHER OBSERVATIONS OR IMPRESSION WHICH YOU CONSIDER PERTINENT.

E 3.4 SAMPLING LISTED USERS OF DAY CARE CENTERS

In addition to interviewing the Operators of Day Care Centers we will also interview a sample of mothers who have children in the centers. After you have completed an interview with the operator using the DAY CARE CENTER SURVEY--OPERATOR QUESTIONNAIRE, you are to proceed to obtain a random sample of mother users of the center. It is extremely important that we do everything possible to obtain a random sample of these mothers.

IMPORTANT: In all cases, be sure to point out to the operator that we do need a random sample. Explain to the operator that we want to interview mothers to find out more about the various day care arrangements they are presently using, whether the mother is working or plans to work in the future and some general questions about the family household (number of children, ages, etc.) If the operator is interested, show her the questionnaire we will be using when interviewing these mothers and assure the operator we are not making a check or inspection of her center's services. Mention to the operator that the results of the mother interviews will also be a part of the overall report that will be sent to the center.

SITUATION #1 -- CENTER OPERATOR HAS A LIST OR CARD FILE OF "MOTHERS"

If both a printed list and a card file of mothers' names and addresses is available, we would suggest using the list since it will be a little quicker.

STEP 1. Determine the total number of mothers

STEP 2. Refer to the Table of Random Numbers to determine the sample size and random numbers to select. This step will tell you how many mothers' names we need to select and also which ones to select. The arrangement of the list or card file is not important. It need not be in alphabetical order. What is important, is that all mothers' names be present regardless of whether their children attend full or part day.

EXAMPLE--There are a total of 34 mothers with children enrolled in the center. Locate number 34 in Column I of the table. Then, reading across, you will find a 3 in Column II. This 3 is the desired sample size and tells you how many names we need to select from the total list of mothers. Continuing across to Column III you will find several random numbers. We will be using these numbers to tell us which mothers to select. Our sample size is 3 so take the first three random numbers listed (22,32,26). Go to your list or card file of mothers and select the 22nd, 32nd and 26th name.

STEP 3. After you have selected these three names, ask the operator whether these mothers have any pre-school children in the center.

If the answer is "Yes", you have the names and addresses of the 3 mothers in your sample to interview.

If the answer is "No", that one of the mothers has no pre-school child in the center, go back to the table and select the next random number shown. In our example of 34 mothers, the next random number is the 25th mother. This mother will now replace the one who had no pre-school children in the center. If the 25th mother has no pre-school children, go back and select the next random number, which would be the 15th mother. Continue this procedure until you have selected the desired sample size of 3 mothers all with pre-school children in the center. Should you exhaust the supply of random numbers shown on the table for enrollment size of 34, stop and just interview the mothers you have selected with pre-school children. In some cases you may end up with only 1 or possibly 2 mothers to interview. It is also possible to end up with no mothers to interview because none of them have pre-school children attending the center.

STEP 4. Contact the mothers who have been selected by phone and arrange for an interview. You will need to wait, however, until we get the mother questionnaires to you, which should be available in approximately two weeks.

If any of the selected mothers refuse to be interviewed, just interview those who agree. Do not attempt to go back to the center and substitute any new mothers to make up for the refusals.

SITUATION #2 -- CENTER OPERATOR HAS A LIST OR CARD FILE OF "CHILDREN" NAMES

This situation is identical to Situation #1, except here the list or card file is composed of the childrens' names and not their mothers' names.

The first two steps are the same. Determine the total number of children enrolled from either the list or the card file. Refer to the Table of Random Numbers to determine how many names are to be selected and which names to select.

EXAMPLE--There are 12 children enrolled in the center. The table tells us to select 2 names and these are to be the 4th and 6th names.

Since we are working from a list of children, we next need to make sure that these two children do not have the same mother. So, first ask the operator if the 4th and 6th children are from the same family. If they are not, we use both. If they should be from the same family, eliminate one of the names and select the next random number which would be the 7th name. Again, ask if this child is from the same family as either the 4th or 6th child, whichever one you retained. Continue this procedure until you have selected two children from different families.

As soon as you have selected two children from different families, you next need to determine whether both children are pre-school children. If they are, you have the names of two children and you are to interview their mothers. Should one of the children not be a pre-schooler, you will need to select another number (in our example the 9th child) and determine that this child is not from the same family and also that he or she is a pre-schooler. Should you run out of random numbers before you have found two children with different mothers and both pre-schoolers, just stop and arrange an interview with the one who did meet the requirements. It is possible to exhaust all random numbers for enrollment size of 12 and end up with no one eligible.

SITUATION #3 -- CENTER OPERATOR HAS LIST OR CARD FILE OF "MOTHERS" OR "CHILDREN" BUT REFUSES TO LET YOU SAMPLE FROM THEM

In this situation the center has a list or card file of mothers or children but the operator refuses to let you look at the list or card file to select the sample names.

Ask the operator if she would be willing to identify only those mothers who would be selected by random procedures and give you just their names and addresses. Reassure the operator that we are not interested in the entire list, only a few names selected at random.

If the operator agrees to do the selection, follow the same sampling procedure discussed in Situation #1 or #2 and tell her which names to select using the Table of Random Numbers. She will need to tell you the total enrollment or you can get this information from the completed questionnaire.

SITUATION #4 -- CENTER OPERATOR REFUSES TO LET YOU USE LIST OR CARD FILE AND ALSO REFUSES TO DRAW SAMPLE HERSELF

We hope we are not faced with this situation but if it does happen, we will attempt the following procedure.

Ask the operator if she would permit us to send a letter home with the children (See Letter to Parents, Attached) and from the letters returned we will select the names to be interviewed. If the operator agrees to this procedure follow the steps below.

STEP 1. Contact Westat if your supply of Parent Letters is exhausted.

STEP 2. Take the letters to the Day Care Operator so they can be sent home with the children. The letters should be returned to the center from the parents.

STEP 3. Contact the operator a week later to look over the returned letters.

STEP 4. Place the returned letters in alphabetical arrangement.

STEP 5. Count the number of returned letters. This count will now be used as the enrollment size. Find this number in Column I of the table. In Column II you will find the sample size required and in Column III the random numbers to select. (Assume 6 letters are returned. The 2nd and the 1st letters would be in our sample.)

STEP 6. Again, we must ask the operator if the 2nd and 1st names have pre-schoolers in the center. For example, if the 1st name does not, select the 5th name. If the 5th does not have pre-schoolers we would stop since we have exhausted our supply of random numbers and would only contact the 2nd name for an interview.

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852
(301) 881-5310

October 15, 1970

Dear Interviewer:

Enclosed you will find some USERS OF DAY CARE CENTERS CALLING FORMS. These forms are to be used to list the names and addresses of parents you select at random from the Day Care Centers you visit.

Please use a separate form for each Day Care Center that you go to.

If you have to send parent letters because the operator won't give out the names, record the names and addresses of parents that you select at random from the group of returned letters.

If the operator refuses to give you names or to let you send letters, indicate this refusal on the Calling Form for that Center.

If you have any questions or problems, let us know.

Sincerely,

Susan Goodman

SUSAN GOODMAN
Assistant Project Director

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852
Telephone 301-881-5310

Fall 1970

Dear Parent:

The Office of Economic Opportunity is taking a national survey to find out what problems mothers have in finding satisfactory day care for their children. They are also interested in finding out if there is a need for more day care facilities in various parts of the country.

Westat Research, Inc. is conducting a part of this survey. As part of our project, we need to talk to parents who have children enrolled in day care centers. The results of this survey with parents throughout the United States will be used by those who are responsible for planning and improving day care services for children.

Your opinions on day care would be very valuable to us if you could give us a few minutes of your time to talk about this subject. It would probably take less than half an hour.

Would you please fill in your name and address below and a time that would be convenient for you? Then return this with your child to the day care center. One of our field staff will get in touch with you to set a definite date and time when we can come to talk to you.

Thank you very much.

Sincerely yours,

James M. Daley
Project Director

Name ____________________

Address ____________________

Phone No. ____________________

Day of Week you would like to be interviewed

____

Time of Day ____________________

WESTAT RESEARCH, INC. STUDY NO. 0824 - DAY CARE

INSTRUCTIONS TO INTERVIEWERS

USERS OF DAY CARE CENTERS CALLING FORM

1. Take forms with you to Center and enter selected names as they are chosen at random.

2. Call parent. Be sure you are speaking to the person who is responsible for making the children's day care arrangements. In most cases, this is the mother or female head-of-household. For example, Johnny Smith is enrolled at ABC Nursery, so ask to speak with Mrs. Smith.
   SAY: Hello. My name is ____________ of Westat Research, Inc. The Office of Economic Opportunity is taking a national survey to find out what problems mothers have in finding satisfactory day care for their children. We are interested in talking to mothers who have children enrolled in day care centers. We have already talked with the Director of ____________ where your child is enrolled. Your opinions would be very valuable to us if you could give us a few minutes of your time to talk about this subject.

3. If the parent indicates a willingness to talk with you, set up a date and time convenient for you to get together. Record this on the form in the space provided.

4. If the parent indicates he does not wish to talk with you, ask her/him if they might change their mind if they received a letter from Mr. James M. Daley, the Project Director. If the answer is then "Yes", mail them a copy of the parent letter we have sent you and give them your return address. If they still refuse to cooperate, thank the parent and discontinue.

WESTAT RESEARCH, INC.

STUDY NO. 0824 - DAY CARE

PSU____________________

USERS OF DAY CARE CENTERS

CALLING FORM

COUNTY____________________

NAME OF CENTER:____

ADDRESS:____ CITY:_____________STATE:_____ ZIP:_____

PHONE: (   )   -

NAME AND ADDRESS OF SELECTED USERS	Date of Telephone Contact	Are You Willing to be Interviewed?		
		If YES		If NO
		Date of Interview	Time of Interview	Remarks
Name: Address: Phone:				
Name: Address: Phone:				
Name: Address: Phone:				
Name: Address: Phone:				
Name: Address: Phone:				
Name: Address: Phone:				
Name: Address: Phone:				
Name: Address: Phone:				
Name: Address: Phone:				

November 11, 1970

Dear Interviewer:

Most of the interviews of Day Care Center Operators have now been concluded and we are anxious to get some indication from you as to the result of the effort of getting names and addresses of Center Users (Mothers). We would also like to know how successful you have been in setting up actual appointments with users, if you have made any.

Please fill in the attached form and return it to Westat immediately. Fill in the form even if you have not yet concluded interviews with all eligible Day Care Center Operators on your list. Just report on the ones you have interviewed.

You have previously received the "Users of Day Care Centers Calling Form" on which to record names and addresses of users. The attached User Selection Report Form does not ask for names and addresses of users, but only the total number per Center.

For planning purposes it is important that you fill out the attached form and send it to us by return mail.

Thank you for your cooperation.

Sincerely,

James M. Daley

James M. Daley
Project Director

Enclosure

JMD:ink

PSU No. ______________

County ______________

USER SELECTION REPORT FORM

Name of Center Interviewed	Number of Users Names Selected	Number of Users Willing to be Interviewed	Number of Appointments Made, if any	Remarks*

* If the Center Operator refused to cooperate in any of the suggested methods for user selection, please indicate this in the remarks column.

DAY CARE SURVEY # 0824

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

AREA CRUISING DESCRIPTION FORM

Interviewer Use Only:

Name: ____________________

Address: ____________________

Date: ____________________

____

PSU ____________________

Tract No. ________ ED No. ________

Block Group ____________________

Interviewer: Attached is a map sketch of blocks to be cruised.
Record your observations below for each block.

Block #	Description of Block

November 5, 1970

Dear Interviewer:

Enclosed you will find the materials you need to complete the Day Care survey. The deadline for finishing the interviewing is DECEMBER 18, 1970. If you estimate that it is not possible for you to complete your assignment by this date, please contact Westat immediately.

This package contains:

1. List of Blocks to be canvassed - white
2. Door-to-Door Call Record Forms - yellow
3. Screening Sheets (for respondents in block areas who have children or take care of children) - white - printed on both sides
4. Operator Questionnaire (Short Form: For Family Day Care Homes) and Instructions - green
5. Parent Questionnaires (to be used for mothers whose names you received at the day care centers and mothers who have children 9 years of age or younger living at home) - blue
6. Instructions for Screening Questionnaire and Parent Questionnaire
7. Income Level Card (to be used when administering the Operator Questionnaire (Short Form: For Family Day Care Homes) - Q. 21 - and the Parent Questionnaire - Q. 10)

Here are the steps you should follow in completing the canvassing of your areas:

I APPOINTMENTS WITH USERS

a. You may now call the parents whose names you received on your visits to Day Care Centers. Describe the general purpose of the study to them and ask if they would be willing to talk to you about day care. (See Instructions for Users of Day Care Centers Calling Form, which was sent to you October 16.)

b. When you call on these users follow the Instructions and use the Parent Questionnaire (both blue). Please read the instructions and the questionnaire very carefully before you call on anyone. Changes have been made since the training sessions.

II USE OF CALL RECORD FORM (Yellow)

a. Take the list of blocks we have sent you for each map area you cruised. By looking at your copy of each map ascertain those blocks that you must canvass door-to-door. The blocks were chosen by random statistical selection. It is possible that we also have selected some blocks for which you reported "No Dwelling Units" in your cruising report. The reason for their inclusion is that the cruising report was based on a cursory inspection. Now, however, you are required to canvass each block thoroughly and make sure that there are in fact no dwelling units.

You must canvass each address within every block listed. Please check every building for possible dwelling units - do not skip anything. For example, a block may look empty but a guard may live in a railroad yard or a family may live in the back half of a store.

b. As you begin canvassing a block, start at a corner intersection. Walk around the block and be sure you include all streets within your assigned blocks and only those sides of the street that are inside the block boundaries.

c. Some of the following examples may help you in finding where to look for dwelling units and whether to interview, or not.

1. A large department store possibly covering a whole block. You may assume that there are no dwelling units. Only record the address.
2. Small stores with a second story above the storefront. You will have to find out whether there are living quarters above the store. If so screen, and possibly interview.

3. A church. Find out whether or not the minister and his family, or anyone else has living quarters there. If yes, use screening questionnaire. Also check to see whether or not the church runs a day care facility, for instance, in the basement. If yes, record this on call record form but you need not interview.
4. A house with a sign in front "Tiny Tots Day Care Center." Go in and inquire whether or not the operator or someone else resides there. If it is a residence in addition to being a day care center, proceed with screening and depending on criteria outlined in instructions and screening questionnaire, use the long or short form of operator questionnaire. If no one lives there just record on call record form that this is a day care center, but not a residence.
5. A house or apartment, not specifically identified as a day care facility. If it is not a residence just record the fact on the call record sheet. If it is a residence use screening form and determine through Q. 6 and 7 of the screening form, which questionnaire to use.

d. Use your Door-to-Door Call Record Form (yellow) and list each address. For multiple unit buildings list apartment numbers in addition to the address. As you leave the address/apartment after you have completed screening and interviewing, record the date, time, and result (code given at bottom of form). Use a separate line for each dwelling unit.

If no one is home on the first try, you must make two additional attempts to find someone at home. If you try during the morning and no one is home, please make your second visit in the evening or on the weekend. Please record each visit. Indicate in the last column on the form any pertinent remarks you may have concerning the dwelling unit or people living there.

III PROCEDURE WHEN SOMEONE ANSWERS DOOR

1. When someone answers your knock, ask to speak to the lady of the house. If she is not in ask what time she will return and make your second call on that dwelling unit then.

2. Proceed with introductory remarks (see instructions for Screening Questionnaire) and start asking the screening questions.

Be sure to follow the instructions on the Screening Questionnaire and the accompanying instruction booklet.

IV QUESTIONNAIRES

As has been stated above, BE SURE TO BE THOROUGHLY FAMILIAR with all questionnaires and accompanying instructions, before you go out canvassing. All forms have been changed to some extent since the training session. Be especially careful in entering the identification number from the Screening Questionnaire onto the Questionnaire you use for the interview.

Thank you for patiently waiting for these materials. Remember the due date is DECEMBER 18, 1970, so if you find that you cannot complete the task by this time let us know immediately. Do not wait until you have completed your full assignment. Mail questionnaires and screening forms to Westat Research, Inc., after you have finished a block or a group of blocks.

Sincerely,

James M. Daley

J. M. Daley
Project Director

Westat Research, Inc.

Memorandum

IDENTIFICATION:

TO: FIELD STAFF EVERYWHERE

DATE: November 9, 1970

FROM: MARLEY C. BROUNSTEIN,
FIELD DIRECTOR

SUBJECT: Study No. 0824 - DAY CARE

This is the last lap of the DAY CARE STUDY. It has been difficult and there have been problems, we know. You can be sure that we sincerely appreciate all your efforts and cooperation.

Many hours of preparation have been expended to organize the data gathering smoothly and coherently for effective analysis. Without your help this would be impossible.

For this last phase of the study, we cannot stress too strongly the importance of your following instructions to the letter, and to be sure that you understand and ask each question properly so that we may continue to gather exact and useful information. Errors are costly and time consuming. We can afford neither the cost nor the time.

Full and correct completion of these questionnaires is critical. PLEASE STUDY THE INSTRUCTIONS AND FORMS CAREFULLY. Be thoroughly familiar with all the materials. If there is anything you don't understand, please call Mr. D. Scott for clarification BEFORE proceeding with your assignments, to avoid costly call-backs. If for any reason there might be a delay in completing your assignment as scheduled, please notify us at once. If we are aware of your problems, we are better equipped to handle them.

Again, our thanks and appreciation for your continuing cooperation.

GOOD LUCK!

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

Day Care #0824

DOOR-TO-DOOR CALL RECORD FORM

State ______________________ County ______________ Town ________________

Tract/ED ________ Block# ________ Interviewer ____________________________

Household Address Apartment Number	1st Call			2nd Call			3rd Call			Remarks
	Date	Time	Result	Date	Time	Result	Date	Time	Result	

Call Legend:		
	NE..Not eligible	DCC..Day Care Center (name and address)
	NH..Not at home	R..Refused
	V..Vacant	CF..Completed Family Home Questionnaire
		CP..Completed Parent Questionnaire

INTERVIEWER INSTRUCTIONS

Screening Questionnaire

and

Parent Questionnaire

(For Listed Users of Day Care Centers and Area Sample Interviews)

Fall 1970

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

I. INSTFUCTION FOR SCREENING QUESTIONNAIRE

Area Sample Interviews (Household Survey)

You should begin each interview by asking to speak to the lady of the household. Please identify yourself and your affiliation with Westat immediately by saying the following:

> Good morning/(afternoon, evening). My name is ___________. I'm representing Westat Research, Inc., which is conducting a nationwide study of day care for the Office of Economic Opportunity. The purpose of this study is to determine the present day care arrangements made by mothers for the care of their children, while they are working and the national need for additional day care facilities for children.
>
> This area was selected as part of the national sample for this study and we are going from door to door attempting to interview everyone. I'd very much appreoiate a few minutes of your time.

The screening questionnaire should be used to begin each area sample interview. The address and other information should be filled in at the top of the screening questionnaire. The sample area asked for on the top line is the tract number or enumeration district number given on the area maps.

You will note that each screening questionnaire bears a 5 digit identification number. If the screening results in an interview (Family Day Care Home or Parent Questionnaire), enter the identification number from the Screening Questionnaire into the space provided on the appropriate questionnaire form.

Center Sample Interviews (names of users obtained from centers in our sample)

In interviews with center users, you should ask Questions 1 and 2 of the screening questionnaire and then go directly to the Parent Questionnaire.

Fill in the page inside the front cover of the Parent Questionnaire and then begin with Question 1 of the Parent Questionnaire.

Specific Instructions for Screening Questionnaire

Question	
1	Be sure to include all children in household at this time that are 9 or younger regardless of their relationship to respondent.
2	Please note that while Q. 1 asked about children 9 years of age or younger, here you are asking about all children 13 years of age or younger. Where respondent is not the parent or guardian of a child in the household, determine who is responsible for the day-to-day care of the child. We want to know who would be responsible for making day care arrangements for this child, if such arrangements were to be made.
3-6	Questions 3-6 are used to determine if this household is either a Family Day Care Home or a Group Home.
7	Having established that a household is either a Family Day Care Home or a Group Home, Question 7 is used to determine whether to use the long form or the short form of the Operator Questionnaire.
8	This question is used to determine if the respondent qualifies for an interview with the Parent Questionnaire. We are not to include in our Area Sample cases any households with an annual family income of $8,000 or more. Family Income includes wages and salaries, pensions, dividends, interest, rent, net income from farms and businesses and any other money income received by members of the respondent's family. The family includes all persons in the household that are related to the respondent by blood, marriage, or adoption.
9	This question should be asked only in those cases where, because of income or no children 9 years or younger, the interview will terminate with the Screening Questionnaire.

II. INSTRUCTIONS FOR PARENT QUESTIONNAIRE

General

One of the problems in using this questionnaire for Area Sample Cases (especially in low-income neighborhoods) will be deciding who should be interviewed in an "extended-family household" (for example, a home spanning several generations or where more than one mother's children live in one household).

If the initial respondent (the individual who is identified as the "lady of the household") has children of her own 9 years or younger or is responsible for the day-to-day care of children 9 years or younger, she should be interviewed with the Parent Questionnaire.

If the initial respondent is neither the parent nor the person responsible for the day-to-day care of any of the children, you should follow the Special Instructions for Extended Family Households below.

Note that you may encounter a household where there is a single-parent father and no woman who clearly acts as a substitute mother. In this case, the father should be interviewed. We have not written elaborate separate instructions for this case. The interview should be conducted just as it would with a single mother.

Special Instructions for Extended Family Households

When the initial respondent has children 9 years or younger, she should be interviewed even though not all the children in the household are hers.

When initial respondent has no children of her own 9 years or younger, it is necessary to determine if she is responsible for the day-to-day care of any of the children in the household in the absence of their real mother. If so, the interview should be continued with this respondent. If not, we want to interview the person responsible for the day-to-day care of the children.

In some cases, there may be two women (other than the initial respondent) living in the household both of whom have child care responsibilities. For example, the initial respondent may be the mother of two daughters who both have children and everybody lives with Grandma. Where possible, we would arrange to interview the mother with the most children 9 years of age or younger. In many cases, we will have to settle for the one with whom an interview can be most conveniently arranged.

At any rate, we always want to interview someone who would be responsible for making day care arrangements if such arrangements were to be made. We want to interview her (or him) about all the children 13 years of age and younger for whom she is responsible.

If you decide that the initial respondent is not the person you should interview please begin a new screening questionnaire and fill in Questions 1 and 2 again, showing the relationship of the actual respondent to each child in the household in Table A.

Specific Instructions for Filling in Day Care Charts

For any mother who works, goes to school, or is in training, a day care chart should be filled in for each of her own children 13 years of age or younger and for each child 13 years of age or younger for whom she is responsible for their day-to-day care.

Begin by asking Question 5. In addition to asking where the child was during the mother's absence, be sure to probe concerning the exact day care arrangement which was used.

General comments concerning the Day Care Chart follow:

1. You should keep Table A of the Screening Questionnaire handy while filling in the Day Care Charts.

2. Begin by filling in the child number, the age, and sex from Table A.

3. In Column I, using Table B at the bottom of the chart, enter the number for each arrangement used on the last day the respondent was at work (school/training).

   FOR ANY CHILD CARED FOR BY AN OLDER SIBLING, ENTER THE AGE OF THAT SIBLING IN PARENTHESIS IN COLUMN I.

4. In Column II, enter the actual hours the child was in the arrangement as, for example, "9 AM - 3 PM" or the respondent was out of the house on the day in question. By the same token, if the respondent did not leave the house until 3:30 or 4:00 PM, do not show any time for when the child was in school. Account for only those hours the respondent was gone.

5. Column II should be filled in for all arrangements. If the respondent does not pay for an arrangement, enter a zero (0) after the dollar sign ($).

In Column III, it is very important that you tell us what the dollar amount is based on -- an hour, a day, a week, a month, etc. If a mother pays a lump sum for the care of several children, she may not be able to give you a "per child" amount. Please describe such pay arrangements in the Comments Section (lower right-hand corner) or on questionnaire.

6. In Column IV, please be sure you word the question just as we have it, so that the answer is a clear choice of one of our three categories. If the third category is used ("Not very well satisfied"), ask "Why?" and fill in Column V. Do NOT fill Column V for any arrangement for which the respondent is "Very well" or "Pretty well" satisfied.

7. In the Comments Section, in addition to recording a description of pay arrangements which cannot be described in Column III, please record the name and address of any formal before-and-after school program being used. The Comments Section should also be used to note arrangements described in the "Special Problems" Section below and for any other explanatory notes you feel are necessary.

   Any lengthy comments should be entered on the back of the questionnaire.

Special Problems Concerning Day Care Charts

1. No Regular Arrangements -- You may encounter a respondent who has no regular arrangement for her children but just makes whatever arrangements she can from day to day. She should be questioned about the arrangements she used the last day she went to work or school.

2. Reciprocal Babysitting -- You may encounter cases where a part-time working mother cares for someone else's children who in turn watches her children while she works. You should record such cases accordingly, specifying who watches her children and how satisfied she is, etc. Then, in the Comments Section, note that this is a reciprocal arrangement.

3. Child Takes Care of Self vs. Care by Older Sibling -- In cases where more than one child is left at home to watch themselves, it may be difficult to decide whether you should code this in Column I as 3 (child cares for self) for each of the children or 4b (child cared for by sibling) for all but the oldest child. In deciding whether to code 3 or 4b, take your cue from the way the mother describes the situation. If she says she leaves them all at home alone, code them all as 3 (child watches himself).

If she says she leaves Joey with Nancy, code Joey as 4b (child cared for by older sibling) even though Nancy is only 5 or 6 years old herself and code Nancy as 3 (child watches herself).

Question

9 If the respondent answers in such a way that the response is not easily codeable do not try to force it into one or more of the listed categories but rather write out the response as given.

Non-working Mothers

NW2 If the respondent brings up the question of cost tell her to disregard it for the answer to this question.

NW11 If the non-working mother clearly indicates in answer to Q. NW1 and NW10 that she is not interested in working, do not ask Q. NW11 and simply circle answer category 5.

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

BoB No. 116S-70020-S
Expiration Date:
February 28, 1971

SCREENING QUESTIONNAIRE

Sample Area ____________________

Address ____ Apt. No. _______

City ____________________ County ____________________ State __________

Interviewer ____

Date __________________________ Time of Day __________________________

---

1. How many children 9 years of age or younger live in this household?

____

INTERVIEWER: IF THE RESPONSE TO Q1 IS NONE SKIP TO Q3.

2. Would you please tell me the ages of the children in this household who are 13 years of age or younger? Please start with the youngest child.

INTERVIEWER: For each child, determine if male or female and the age, and enter this data in Table A below. Determine the relationship of each child to the respondent, and who is responsible for the day-to-day care of that child.

TABLE A

Child No.	Age	Sex	Relationship to Respondent	Who is responsible for the day-to-day care of this child?	
				Respondent (Check below)	If not the respondent, who?
1					
2					
3					
4					
5					
6					
7					
8					
9					

INTERVIEWER: Responsibility for day-to-day care does not necessarily imply financial support. The person that would be responsible for making day care arrangements (if any) is the one we want to identify in the last 2 columns.

3. Are any (other) children taken care of in your home during the day (besides the ones that live here)?

Yes ☐ (GO TO Q.4)
No ☐

IF NO: A. If there are children listed in Table A, GO TO Q.8.
B. If there are no children listed in Table A, GO TO Q.9.

4. How many days a week are these children taken care of here?

☐ 2 or more days a week (GO TO Q.5)
☐ Less than 2 days a week (or "no regular pattern")

IF LESS THAN 2 DAYS A WEEK:

A. If there are children listed in Table A, GO TO Q.8.
B. If there are no children listed in Table A, GO TO Q.9.

5. How many of the children are here 7 hours or more a day?

☐ 1 or more
☐ None

IF NONE: A. If there are children listed in Table A, GO TO Q.8.
B. If there are no children listed in Table A, GO TO Q.9.

6. Do any of these children's parents pay to have these children cared for here?

Yes ☐
No ☐

IF YES: This is either a family day care home or a group home. Question 7 will determine which OPERATOR QUESTIONNAIRE to use. Do not ask Q.8 or 9.

IF NO: A. If there are children listed in Table A, GO TO Q.8.
B. If there are no children listed in Table A, GO TO Q.9.

7. Who is in charge of the children while they are here?

Respondent....read Paragraph I
Other.........read Paragraph II

I. IF RESPONDENT: Determine if she pays anyone from outside the household who comes to help most of the time the children are there. If so, use long form OPERATOR QUESTIONNAIRE. If not, use short form OPERATOR QUESTIONNAIRE. (Do not ask Q.8 or 9.)

II. IF OTHER: Arrange interview with this "other" person. Determine if this person pays a second person from outside the household who comes in to help most of the time the children are there. If so, use long form OPERATOR QUESTIONNAIRE. If not, use short form OPERATOR QUESTIONNAIRE. (Do not ask Q.8 or 9.)

8. Some of the following questions are going to be concerned with day care for children 13 years of age or younger. Some of the day care programs have certain income requirements for people who may need financial help. Would you tell me whether your total family income (before taxes) last year was. . . .

Less than $8,000. . .1
$8,000 or more. . . .2

IF $8,000 OR MORE: Ask Q.9.

IF LESS THAN $8,000: Follow instruction below. Do not ask Q.9.

IF THIS RESPONDENT HAS CHILDREN OF HER OWN 9 YEARS OR YOUNGER OR IS RESPONSIBLE FOR THE DAY-TO-DAY CARE OF SUCH CHILDREN, BEGIN THE PARENT QUESTIONNAIRE AT THIS TIME.

IF RESPONDENT DOES NOT MEET EITHER OF THESE REQUIREMENTS: Follow instructions for EXTENDED FAMILY HOUSEHOLDS to determine who should be interviewed. Use PARENT QUESTIONNAIRE with that individual.

QUESTION 9 TO BE ASKED ONLY FOR THOSE CASES WHERE INTERVIEW TERMINATES WITH SCREENING QUESTIONNAIRE.

9. May I have your name and phone number so that my supervisor can check to see that I have really been here?

Name ______________________________

Phone # ______________________________

ANNUAL INCOME

A. UNDER $2,000

B. $2,000 - $2,999

C. $3,000 - $3,999

D. $4,000 - $5,999

E. $6,000 - $7,999

F. $8,000 - $9,999

G. $10,000 OR MORE

BoB No. 116S-70026
Expiration Date:
February 28, 1971

ID No. _ _ _ _ _

OFFICE OF ECONOMIC OPPORTUNITY

WASHINGTON, D. C.
FALL 1970

PARENT QUESTIONNAIRE

(FOR LISTED USERS OF DAY CARE CENTERS
AND
AREA SAMPLE CASES)

conducted by

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

If Initial Screening Indicates No Children
In Household 9 Years or Younger, Do Not Use
This Questionnaire. Terminate Interview
Unless Family Day Care Home or Group Home.

INSTRUCTIONS FOR CENTER USER INTERVIEWS:

Begin the interview by asking QUESTIONS 1 and 2 of the Screening Questionnaire.

Do NOT ask any other questions from the Screening Questionnaire in interviewing center users. Enter address, etc. of respondent below:

Address ______________________________

Apt. # _______ City ______________________

County ____________________ State __________

Interviewer ___________________________

Date _____________ Time of Day ______________

____
Name and Address of Center

1a. Other than the children 13 years of age and younger, how many people live in this household? (INCLUDE YOURSELF)

(Give Number) ____________

1b. Could you tell me the approximate age of each of these people.

INTERVIEWER: Be sure respondent starts with self. Fill in first column below. Determine sex and relationship to respondent of each.

#	Age	Sex	Relationship to Respondent
1			Respondent
2			
3			
4			
5			
6			
7			
8			

1c. Who is the head of household? (CIRCLE AGE OF HEAD OF HOUSEHOLD IN 1st COLUMN ABOVE.)

2. What was the last grade in school that you completed?

(ENTER NUMBER IF 12 OR LESS) __________

Some college	13
College graduate	14
Post Graduate work	15

3a. Are you employed, in training, or in school at this time?

Check As Many As Apply

Yes, employed ☐
Yes, in training ☐
Yes, in school ☐
None of these ☐ (GO TO PAGE 5)

3b. How many days per week do you usually (work/go to school/go to training)?

__________Days

3c. How many hours per day do you usually (work/go to school/go to training)?

__________Hours

4a. On the last day you went to (work/school/training), what time did you leave the house?

__________AM/PM

4b. What time did you get home?

__________AM/PM

5. START WITH THE FIRST CHILD LISTED IN TABLE A OF THE SCREENING QUESTIONNAIRE, FOR ALL CHILDREN FOR WHOM RESPONDENT IS RESPONSIBLE, DETERMINE WHAT DAY CARE ARRANGEMENTS WERE USED FOR THIS CHILD ON THE LAST DAY THAT THE RESPONDENT WAS AT WORK(IN SCHOOL/IN TRAINING) AND ENTER THESE ON ONE COPY OF THE DAY CARE CHART. BE SURE YOU ACCOUNT FOR ALL THE HOURS THE RESPONDENT WAS AWAY FROM HOME. BEGIN BY ASKING:

> "ON THE LAST DAY YOU WENT TO (WORK/SCHOOL/TRAINING), WHERE WAS YOUR (Ex: six-year-old-son) FROM THE TIME YOU LEFT FOR WORK UNTIL YOU RETURNED?"

BE SURE TO ENTER THE TIME CHILDREN ARE IN SCHOOL. (HOWEVER, DO NOT ASK ABOUT PAY OR SATISFACTION FOR THE TIME CHILDREN ARE IN SCHOOL.)

CHILD No. from
Table A ________
Age ______
Sex ______

DAY CARE CHART

(TO BE USED TO ACCOUNT FOR CHILD'S WHEREABOUTS DURING ALL HOURS RESPONDENT WAS OUT OF HOME)

I.	II.	III.	IV.			V.
Arrangements (enter number code using Table B below. If care by sibling, enter age in parenthesis)	**Hours** (show actual times)	How much do you pay for this arrangement? (If respondent cannot give per child amount, describe in Comments Section.	How well does this arrangement work for you? Would you say you are:			If respondent says she is "Not Very Well Satisfied", ask "WHY?"
			Very Well Satisfied?	Pretty Well Satisfied?	Not Very Well Satisfied?	
A. ________	________	$_____per child per_____	1	2	3	________
B. ________	________	$_____per child per_____	1	2	3	________
C. ________	________	$_____per child per_____	1	2	3	________
D. ________	________	$_____per child per_____	1	2	3	________

TABLE B

Number Codes of Day Care Arrangements to be entered in Column I.

1. Child in School (do not ask Columns III-V for this arrangement)
2. Mother watches child while working
3. Child cares for self
4. In home care by:
    - 4a. Father
    - 4b. Sibling (give age in parenthesis in Column I)
    - 4c. Other relative
    - 4d. Non-relative
5. Out of home care by:
    - 5a. Relative (whether for pay or not)
    - 5b. Non-relative (no pay)
    - 5c. Woman who cares for children in her home for pay.
    - 5d. Day Care Center, Pre-school (Head Start, etc.) Nursery school
6. Before and After School Programs: YMCA, Extended School Program, Settlement House, Recreation Center, etc. (Give name of Center or Program in Comments Section.)

COMMENTS

(Use this section for name and address of Formal Before and After School Programs and to describe payments that cannot be described in Column III and for any other comments.)

ASK ONLY IF RESPONDENT HAS CHILDREN WHO ARE NOT YET IN ELEMENTARY SCHOOL:

6a. If you wanted to improve the arrangements for your preschool child(ren), which kind of day care would you like best?

Care by someone in your home	1
Day care in someone else's home	2
Day care center	3
Other (Specify)________________ ________________	7
Doesn't want any change	8
Don't know	9

6b. How much do you feel you could pay to get this kind of day care for your child(ren)?

Nothing . . . . ☐

$________ per week per child

ASK ONLY IF RESPONDENT HAS CHILDREN WHO ARE IN ELEMENTARY SCHOOL:

7a. If you wanted to improve the before-and-after school arrangements for your children who are in elementary school, which kind of arrangement would you like best?

Care by someone in your home	1
Care in someone else's home	2
Supervised recreation program at playground or school	3
Other (Specify)________________ ________________	7
Doesn't want any change	8
Don't know	9

7b. How much do you feel you could pay to get this kind of before-and-after school arrangement for your child(ren)?

Nothing . . . . ☐

$________ per week per child

ASK ALL RESPONDENTS:

8. How often do problems with babysitting or child care arrangements cause you to be late for work or miss a day altogether?

Very seldom or never	1
Once in a while	2
Frequently	3

9. What would you expect a child care program to provide?

INTERVIEWER: DO NOT READ RESPONSES. CHECK THOSE RESPONDENT MENTIONS.

Safe place to leave child. . . . . . ☐
Playmates for child. . . . . ☐
Good food. . . . . ☐
Medical program. . . . . ☐
Good care. . . . . ☐
Education (school readiness) . . . . ☐
Training (behavior). . . . . ☐
Good place to play . . . . ☐
Other (Specify)____________________ ☐
____
____

NOW GO TO QUESTION 10 ON PAGE 8

NON-WORKING MOTHERS

NW1. If you were working now, which kind of child care would you like best for your youngest child?

(READ THESE)

Care by someone in your home. 1

Day care by someone who cares for a few children in her home. 2

Day care center 3

Recreation program (before and after school). . 4

Other (Specify) ______________________________ 5

DO NOT READ THESE: USE THEM WHEN RESPONDENT VOLUNTEERS THEM.

Don't know. 8

Respondent says that she would not consider working . . . . (GO TO NW3) 9

NW2. What would you expect a child care program to provide?

INTERVIEWER: DO NOT READ ANSWERS.

(CHECK ALL THAT RESPONDENT MENTIONS)

Safe place to leave child. . . ☐
Playmates for child. . . . . . ☐
Good food. . . . . ☐
Medical program . . . . ☐
Good care. . . . . ☐
Education (school readiness) . ☐
Training (behavior). . . . . . ☐
Good place to play . . . . . . ☐
Other (Specify) _____________ ☐

____

____

INTERVIEWER: IF ONLY ONE CATEGORY MENTIONED, PROBE: "ANYTHING ELSE?"

NW3. Have you ever worked since you (had children/had the day-to-day responsibility for children)?

Yes. 1
No (SKIP TO NW8) 2

NW4. About how many weeks did you work during the past 12 months?

None . . . . ☐
# of weeks ________

NW5. Why did you stop working?

INTERVIEWER: DO NOT READ ANSWERS.

(CHECK ALL THAT RESPONDENT MENTIONS)

a. Child care arrangements respondent used were no longer available.	☐
b. Did not like child care arrangements. .	☐
c. Wanted to be with children.	☐
d. Got pregnant/Had a child.	☐
e. Had to assume child care responsibility for children who were not previously her responsibility . . .	☐
f. Laid off.	☐
g. Did not make enough money	☐
h. Did not like job.	☐
i. Husband did not like wife working . . .	☐
j. Illness	☐
k. Other (Specify) ______________________	☐

(IF a. OR b. MENTIONED, GO TO NW 7)

NW6. Have you ever stopped working because of difficulty in getting satisfactory child care?

Yes	1
No	2

NW7. While you were working, how often did problems with babysitting or other child care arrangements cause you to be late for work or miss a day altogether?

INTERVIEWER: READ THESE.

Very seldom or never .	1
Once in a while. . . .	2
Frequently	3

NW8. Are you looking for work now, or planning to go to work within the next year?

Looking for work now	1
Planning to go to work within the next year.	2
Not looking for work or planning to go to work within next year. . (GO TO NW10)	3

IF LOOKING FOR OR PLANNING TO GO TO WORK, ASK

NW9. What do you think you will do with your children 13 years or younger when you go to work?

INTERVIEWER: PLEASE USE CHILD NUMBERS FROM TABLE A OF SCREENING QUESTIONNAIRE TO ENTER INFORMATION IN TABLE BELOW.

	CHILD NO. FROM TABLE A									
	1	2	3	4	5	6	7	8	9	10
Child will care for himself...										
In home care (includes care by siblings)...........										
Family day care home (woman who cares for other children in her home).......										
Day Care Center...............										
Nursery School...............										
Other (Specify)_______________										
Don't know..................										

NW10. Some mothers feel they would rather not work while their children are young. Others would like to work but can't find jobs or have no place to leave their children. Is there one particular reason you are not working at this time?

INTERVIEWER: PLEASE READ ALL THE CHOICES BEFORE THE RESPONDENT GIVES HER ANSWER.

a. Prefer not to work while children are young ☐
b. Have problems with finding satisfactory day care . . . . ☐
c. Can't make enough money to afford day care for my children. . . . . ☐
d. Can't find a job. . . . . ☐
e. I'm not interested in working . . . . ☐
f. There's no one particular reason. . . . . . ☐
g. Some other reason (Specify) _______________
____ ☐

INTERVIEWER: IF RESPONDENT GIVES MORE THAN 2 REASONS, PROBE FOR THE 2 MOST IMPORTANT. DO NOT RECORD MORE THAN 2 REASONS.

NW11. (INTERVIEWER: Please see Interviewers Instructions for situations in which this question is skipped and mark #5 if you decide it should be omitted.)

If satisfactory day care that you could afford was available, do you think you would look for work?

Yes 1
No 2
Depends (on what? _______________ 3
Don't know. 4
(Respondent clearly not interested in working or sole reason for not working is "can't find a job") 5

10. Could you tell me approximately what the total income of your family was last year? (Total family income includes wages and salaries, pensions, dividends, interest, rent, net income from business or farms and any other money income received by the members of this family.)

INTERVIEWER: Where necessary, explain that the family includes all members of the household who are related by blood, marriage or adoption to the respondent.

Give card to respondent and record number of response:

Annual Income	
Under $2000	1
$2000 - $2999	2
$3000 - $3999	3
$4000 - $5999	4
$6000 - $7999	5
$8000 - $9999	6
$10,000 or more	7
Don't know	8
Refuse to answer	9

May I have your name and phone number so that my supervisor may check to be sure that I was really here?

Name ______________________

Address ______________________

Phone Number ______________________

FILL IN, DO NOT ASK:

RACE	
White	1
Negro	2
Oriental-American	3
American Indian	4
Other (Specify) __________	8

Is the operator Spanish-American (Puerto Rican, Mexican, Cuban, etc.) ?

Yes	1
No	2

Please describe on the back any unusual circumstances such as complicated pay arrangements or reciprocal babysitting arrangements, etc.

INTERVIEWER
INSTRUCTIONS

OPERATOR QUESTIONNAIRE

(SHORT FORM: FOR FAMILY DAY CARE HOMES)

FALL 1970

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

INTRODUCTION

Please record all answers clearly and legibly.

Record an answer for all questions, particularly, where there are several categories, each calling for a "Yes" or "No" answer. Do not leave any blanks.

Be sure to assure the respondent that all answers will be treated as confidential and that no individual respondent or Home will be identified in any of the reports growing out of this project.

The family day care homes will be identified through the use of the screening questionnaire, among the households canvassed in the area sample. The interviewer should keep the following identifying characteristics in mind while completing the screening.

To qualify as a day care facility a home must:

1) provide care for at least one child who is not a member of the household, for
2) at least 7 hours per day, and
3) at least 2 days per week, for
4) compensation.

If a home qualifies on the basis of the above factors, the interviewer must determine whether to use the long or the short form of the operator questionnaire. If the operator pays an individual to help in caring for the children most of the time the children are there use the long form. Otherwise use the short form.

INTERVIEWER INSTRUCTIONS

OPERATOR QUESTIONNAIRE (Short Form: Family Day Care Home)

2. The number she presently cares for may be more or fewer than she usually cares for, probe to find out the number she usually cares for.

3. If the operator takes care of two or more children from the same family, please note this in the 1st column by making brackets around the numbers of those children from the same family. Please also note this fact in the margin. Where an operator takes care of two or more children from the same family, obtain any special rates the operator gives. These could include discounts and fees based on income. Note this information below the table and give all types of fees she charges.

4c. Put in the unit for which the charge applied, e.g. $5- per week.

20a. This table concerns all the members of the operator's household who live at this address. Please get exact job information when possible, i.e., welding foreman U. S. Steel. For children in family indicate that they are in school and any part-time jobs they may have.

21. Total family income includes all money coming into the operator's household from all family members including the money the operator receives from day care fees.

BoB No. 116S-70020
Expiration Date:
February 28, 1971

OFFICE OF ECONOMIC OPPORTUNITY

WASHINGTON, D. C.

DAY CARE CENTER SURVEY
OPERATOR QUESTIONNAIRE

(Short Form: For Family Day Care Homes)

ADDRESS OF HOME: ____________________

CITY: ____________ COUNTY: ______________ STATE: __________ ZIP: ____

TELEPHONE NUMBER: ____________________
(AREA CODE) (NUMBER)

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852

INTERVIEWER NAME: ____________________

DATE OF INTERVIEW: ______________ TIME: ____________

INTERVIEWER

THIS QUESTIONNAIRE IS TO BE USED FOR THE RESPONDENT WHO PROVIDES DAY CARE FOR:

1) AT LEAST ONE CHILD, FOR
2) AT LEAST 7 HOURS PER DAY, FOR
3) AT LEAST 2 DAYS PER WEEK, FOR
4) COMPENSATION

IF THE RESPONDENT PAYS SOMEONE TO COME IN AND HELP IN CARING FOR THE CHILDREN AND THIS PERSON IS THERE MOST OF THE TIME THAT THE CHILDREN ARE THERE, USE THE REGULAR LONG FORM OPERATOR QUESTIONNAIRE.

1a. How many days per week are you presently caring for children other than your own?

__________ days

1b. What hours of the day are you presently caring for children other than your own?

From ______ to ______

2. How many children, other than your own, do you usually care for?

____

3. Would you please give me the ages of the children you are presently caring for, and whether they are full-day or part-day, and the fee you charge for their care? Please start with the youngest. (DO NOT INCLUDE CHILDREN WHO LIVE IN THIS HOUSEHOLD.)

INTERVIEWER: INCLUDE ALL CHILDREN WHO ARE 13 YEARS OF AGE OR YOUNGER.

FULL-DAY IS CONSIDERED TO BE 7 HOURS OR MORE, PART-DAY IS LESS THAN 7 HOURS.

Child	Age	Number of Days per Week	Full-day		Fee Charged?		Fee Charged per Week*
			Yes	No	Yes	No	
1							$______
2							$______
3							$______
4							$______
5							$______
6							$______

* If other than 5 days per week, indicate the unit, i.e., day, month, etc.

IF TWO OR MORE CHILDREN FROM THE SAME FAMILY ARE TAKEN CARE OF BY THE OPERATOR AND THE FEE IS NOT BROKEN DOWN FOR EACH CHILD, WRITE A DESCRIPTION OF THE CHARGES BELOW:

____

____

____

4a. Do you provide transportation for any of the children?

Yes 1
No 2 (SKIP TO 5)

4b. Do you charge extra for transportation?

Yes 1
No 2

4c. IF YES, How much do you charge?

$________ per ________

5. Which of the following meals do you serve to the full-day children?

	Yes	No
Breakfast	1	2
Lunch	1	2
Dinner	1	2
Morning Snack	1	2
Afternoon Snack	1	2

INTERVIEWER: IF ANY OF THE CHILDREN LISTED IN THE TABLE IN Q.3 ARE 6 YEARS OF AGE OR OLDER ASK:

6a. How many children do you take care of:

Before school only? __________
After school only? __________
Both before and after school? __________

6b. Which of the following meals do you serve to the school-aged children?

	Yes	No
Breakfast	1	2
Lunch	1	2
Dinner	1	2
Morning Snack	1	2
Afternoon Snack	1	2

7a. Do you care for school-aged children in your home during the summer months?

Yes 1
No 2

7b. IF YES, How many school-aged children did you care for this last summer?

____

8. Do you allow parents to leave their children at your home when they have colds or other minor illnesses?

Yes	1
No	2

9. Do you have an arrangement for emergency services from a:

	Yes	No
Hospital/Clinic	1	2
Physician	1	2
Nurse	1	2

10. Does your home require the children to have a physical examination before being admitted?

Yes	1
No	2

11a. Do you accept any physically handicapped and/or mentally retarded children (full-day or part-day)?

Yes	1
No	2

11b. IF YES, How many such children do you have enrolled now?

Full day_______

Half day_______

12. Which of the following does your home have?

	Yes	No
Fire extinguishers.	1	2
Running water	1	2
Flush toilet facilities	1	2
Child-size tables and chairs.	1	2
Telephone	1	2
Isolation space for sick children . .	1	2
Television set.	1	2
Cots, sleeping mats, or cribs	1	2
Musical toys and instruments.	1	2
Doll play and housekeeping toys . . .	1	2
Equipment for art work (paper, scissors, crayons, etc.). . . .	1	2
Books, puzzles, games	1	2
Tricycles, wagons	1	2
Other (Specify) ____________________ ____________________	1	2

13a. Does your home have an outdoor play area?

Yes 1
No 2 (SKIP TO 13d)

13b. IF YES, Is it fenced?

Yes 1
No 2

13c. Does it have any of the following equipment?

	Yes	No
Swings	1	2
Sand box	1	2
Slide	1	2
Jungle gym	1	2
Other ________________	1	2

13d. IF NO, Where do the children play outdoors?

	Yes	No
Private playground (Not belonging to home)	1	2
Public playground	1	2
Other (Specify) ____________ ________________________	1	2

14a. How much of the time that the children are here do they usually spend:

	Hours/Day
Watching television? . . .	________
Playing out-of-doors?. . .	________
Playing indoors?	________
Eating?.	________
Taking naps?	________

14b. How much of the time that they are here do you usually spend:

	Hours/Day
Playing games with them?	________
Reading to them?	________

14c. Is there anything else that the children usually do while they're here that I haven't mentioned?
(DESCRIBE ACTIVITY AND HOURS PER DAY)

____

____

____

____

15. Do you teach the children:

	Yes	No
Songs.	1	2
Letters of the alphabet. .	1	2
Counting	1	2
Other (Specify) __________	1	2

____

16a. For how many families are you presently caring for children?

____

16b. For the following questions, I would appreciate your giving me your best estimates. Please give me the following information on the families of the children currently enrolled on a full-day basis.

Number of families____________

a. Parent's Marital Status:

Two parent household _______
One Parent household _______
Female head of household only _______
Male head of household only _______
Other (Specify) ____________________ _______
____
Don't know _______
Total = _______

b. Family Income (before taxes):

Under $2,000 _______
$2,000 to $3,999 _______
$4,000 to $5,999 _______
$6,000 to $7,999 _______
$8,000 to $9,999 _______
$10,000 or more _______
Don't know _______
Total = _______

c. Employment Status of Mother:

Full time _______
Part time _______
Not working _______
Don't know _______
Total = _______

INTERVIEWER: TOTALS IN a, b AND c SHOULD EQUAL THAT REPORTED IN QUESTION 16a.

INTERVIEWER SAY: NOW I'D LIKE TO ASK YOU A FEW QUESTIONS ABOUT YOURSELF.

17. How long have you been caring for other people's children?

____

18a. Have you had any special training in caring for children?

Yes	1
No	2

18b. IF YES, What was this training?

	Yes	No
Nurses training	1	2
Early childhood education	1	2
Other (Specify) __________	1	2

____

19. How many years of school have you had?

Less than 8 years	1
Some high school	2
High school graduate	3
Some college	4
College graduate	5
Other (Specify) ______	6

____

20a. Could you please describe the members of your household to me. Please include all members living at this address. Start with yourself.

Person	Relationship to Respondent	Approx. Age	What is their occupation? - job, school, etc.	If Non-Working Adult, ask 20b.	
1	(Respondent)	______	____________	Yes	No
2	__________	______	____________	Yes	No
3	__________	______	____________	Yes	No
4	__________	______	____________	Yes	No
5	__________	______	____________	Yes	No
6	__________	______	____________	Yes	No
7	__________	______	____________	Yes	No

FOR ALL ADULTS WHO ARE NOT WORKING, ASK:

20b. Does this person receive payments from Social Security or some other pension?

(CIRCLE ANSWER IN LAST COLUMN ABOVE)

20c. Do other members of your household help care for the children?

Yes	1
No	2

20d. IF YES, Which persons help you?

	Yes	No
Husband	1	2
Mother	1	2
Children	1	2
Other (Specify) __________	1	2

____

21. Could you tell me approximately what the total income of your family was last year? (Total family income includes wages and salaries, pensions, dividends, interest, rent, net income from business or farms and any other money income received by the members of this family.)

INTERVIEWER: Where necessary, explain that the family includes all members of the household who are related by blood, marriage or adoption to the respondent.

Give card to respondent and record number of response:

Annual Income	
Under $2000	1
$2000 - $2999	2
$3000 - $3999	3
$4000 - $5999	4
$6000 - $7999	5
$8000 - $9999	6
$10,000 or more	7
Don't know	8
Refuse to answer	9

22a. Do you receive any financial support for your day care services from other sources than the parent fees?

Yes	1
No	2 (SKIP TO Q.23)

22b. From what sources?

Federal, state or local government	1
Community organizations	2
Other (Specify) ___________	3

____

23. Is your Home licensed to operate in this community?

Yes . . . 1 IF YES, For how many children? ______

No. . . . 2 IF NO, Are you in the process of being licensed?

Yes	1
No	2

24. Do you get any assistance from state, county, or local agencies, such as help with program planning, menu suggestions, equipment lists, consultation about individual children?

Yes	1
No	2

25. May I have your name and phone number so that my supervisor can check to see that I have really been here?

Name ______________________________

Phone # ______________ ______________

257

INTERVIEWER: FILL IN, DO NOT ASK

I 1a.

RACE OF OPERATOR	
White.	1
Negro.	2
Oriental-American.	3
American Indian. .	4
Other (Specify) ________________	5

I 1b. Is the operator Spanish-American (Puerto Rican, Mexican, Cuban, etc.)?

Yes	1
No	2

I 2. Please indicate the type of structure the day care facility is located in.

Single family dwelling unit	1
Multiple family unit	2
Other ________________________________ ________________________________	3

I 3. On what kind of street is the day care facility located?

Residential neighborhood of predominantly single family homes	1
Residential neighborhood of predominantly apartment buildings	2
Non-residential section of predominantly institutional buildings	3
Non-residential section--commercial or industrial	4
Rural Area	5
Other (Specify) ________________________________ ________________________________	6

Study No. 0824

STATUS REPORT

FIELD MATERIALS NOT YET RETURNED TO WESTAT

INTERVIEWER:________________________________ PSU NO.______ COUNTY:____________________

PSU NO.______ COUNTY:____________________

DAY CARE CENTER QUESTIONNAIRE:

____

____

____

USER SELECTION REPORT FORM:

____

____

____

PLEASE REPORT STATUS ON THE ABOVE AND RETURN THIS FORM TO WESTAT IMMEDIATELY.

REMINDER: COMPLETION DATE FOR ALL FIELD WORK IS DECEMBER 18th!

APPENDIX F

CODING AND EDITING INSTRUCTIONS

APPENDIX F

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Project No. 0824
Day Care

Operator Questionnaire
(Long Form)
Editing and Coding Instructions

General Instructions

1. Use a red pencil for coding.
2. Put all codes on right hand margin of questionnaire.
3. Unless provided for in precoded items, the following codes will be used for "don't know" and "no answer."

Don't Know +

This code is to be used in all cases where the interviewer has indicated on the questionnaire that the respondent stated he/she did not know the answer.

No Answer -

This code is to be used in all cases where the respondent should have answered the question but did not do so.

If one of these codes (+ or -) is used in a field of more than one column always put the code in the first column of the field and fill in the rest of the field with zeros. (Example +00)

Items Common to All Cards

	Card Columns
PSU No.	1-2
Center No.	3-4
County No.	5
Source of Listing	6
1. Licensing Agency	
2. Yellow Pages	
3. CAP	
4. Church Organization	
5. No Source Given	
6. OEO Project 19	
9. Other	
For all Centers code 1	7

Card Type 01

Questionnaire Item No.	Instruction		Card Column	
1a.	Convert years & months to months		11-13	
1b.	Convert years & months to months		14-16	
2a.	Number of days/week		17	
2b.	Hours the center is open Use 0100 - 2400 to code opening & closing times e.g. 7:30 a.m. to 6:30 p.m. would be coded 0730 1830 (see card)	From To	18-21 22-25	
2c.	Number of months per year		26-27	
3.	Precoded		28	
4.(1)	Full day enrollment		29-31	
4.(2)	Part day enrollment		32-34	
	Blank		35	
5.	Age & enrollment	Full-day		Part-
	Under 2	36-38		39-
	2	42-44		45-
	3	48-50		51-
	4	54-56		57-
	5	60-62		63-
	6	66-68		69-
	7 & over	72-74		75-
	Blank		78	
	Card Type 01		79-80	

Card Type 02

Questionnaire Item No.	Instruction	Card Column
6a.	Number boys	11-13
	Number girls	14-16
6b.	White	17-19
	Negro	20-22
	Spanish-American	23-25
	Oriental-American	26-28
	American Indian	29-31
	Other	32-34
7.	Record today's attendance	35-37
8.	Enrollment to attend	
	4 days/week or less	38-40
	5 days/week or less	41-43
	6 days/week or less	44-46
	7 days/week or less	47-49
9.	Waiting List	50
	List maintained 1 No list maintained 2	
	If list is maintained record number on list here. If no list is maintained leave blank.	51-53
	Blank	54-55
10.	Add to precoded items -- Not opened long enough to answer - code 6	56
11a.	Precoded	57
11b.	No. enrolled now	
	Full-day	58-60
	Part-day	61-63
	Blank	64-78
	Card Type 02	79-80

Card Type 03

Questionnaire Item No.	Instruction	Card Column
12a.	Precoded	11
12b.	Precoded	12-17
13a.	Precoded	20
13b.	Precoded	
	Community organization	21
	Church	22
	Community action agency	23
	Individual	24
	Welfare	25
	Private company	26
	School or university	27
	Hospital	28
	Other	29
14	Precoded	30
15a.	Precoded	31
15b.	Precoded	32

Coding for Agencies

	Card Column
1st mention	33
2nd mention	34

Agency	Code
OEO	1
HEW	2
DOL	3
State agency	4
Local gov't	5 - housing authority
	6
	7
	8
Other	9

Questionnaire Item No.	Instruction	Card Column
15c.	Code last two digits of year If built before 1900, code 72	35-36
16.	Precoded	37

Card Type 03, cont.

Questionnaire Item No.	Instruction	Card Column
17.	Equipment - precoded	
	Fire alarm - elec.	38
	Fire alarm - manual	39
	Fire extinguisher	40
	Kitchen	41
	Wash basins	42
	No. child sized	43-44
	No. adult sized	45-46
	Running water	47
	Flush toilets	48
	No. child sized	49-50
	No. adult sized	51-52
	Admin. office	53
	Class rooms	54
	How many?	55-56
	Child sized tables & chairs	57
	Telephone	58
	Isolation space	59
18a.	Ownership of play area - precoded	
	Center	60
	Private not center's	61
	Public	62
	Other	63
18b.	Equipment in play area - precoded	
	Pushing	64
	Climbing	65
	Pulling	66
	Riding	67
	Swinging	68
	Other	69
18c.	Square footage	70-75
	Card Type 03	79-80

Card Type 04

Questionnaire Item No.	Instruction		Card Column
19 I	Have equipment?		21
	If yes	code 1	
	If no	code 2	
	Donated?		22
	If none	code 1	
	If some	code 2	
	If all	code 3	
	Notice: If card column 21 is 2, card columns 22 & 23 will be 0.		
	Estimated replacement cost		23
	Less than $100	code 1	
	$100 - $199	code 2	
	$200 - $299	code 3	
	$300 - $399	code 4	
	$400 - $499	code 5	
	$500 - $599	code 6	
	$600 - $699	code 7	
	$700 - $799	code 8	
	$800 or more	code 9	
19 II	Same as 19 I above		24-26
19 III	Same as 19 I above		27-29
19 IV	Same as 19 I above		30-32
19 V	Same as 19 I above		33-35
19 VI	Same as 19 I above		36-38
19 VII	Same as 19 I above		39-41
19 VIII	Same as 19 I above		42-44
19 IX	Same as 19 I above		45-47
19 X	Same as 19 I above except there may be a code devised to identify major expenditures, which would replace the 0, 1 code given for card column 21.		48-50

Card Type 04, cont.

Questionnaire Item No.	Instruction	Card Column
20.	Precoded	51
21.	Precoded	
	Background	52
	Medical records	53
	Attendance records	54
	Developmental measures	55
22a.	Precoded	56
22b.	Precoded	
	Hospital/clinic	57
	Physician	58
	Nurse	59
23.	Services	
	A - Physical exam.	60
	B - Dental exam.	61
	C - Vision screening	62
	D - Speech	63
	E - Hearing	64
	F - Psychological	65
	G - Social work	66

Code as follows:

Response	Code
a. Not available	1
b. Cost included in fee	2
c. Extra charge to parents	3
d. Paid for by outside source	4
e. Other	5
Combination b & d	6
c & d	7
b & e	8
c & e	9
d & e	0

	Card Type 04	79-80

Card Type 05

Questionnaire Item No.	Instruction	Card Column
24a.	Meals served - full day - precoded	
	Breakfast	11
	Lunch	12
	Dinner	13
	Morning snack	14
	Afternoon snack	15
24b.	Where are meals prepared - precoded	
	Center	16
	Public school	17
	Caterer	18
	Other	19
25a.	Yes 1	20
	No 2	
	Children enrolled in school	
	Before	21-23
	After	24-26
	Both	27-29
25b.	Precoded	30-33
26a.	Meals served - before & after - precoded	
	Breakfast	34
	Lunch	35
	Dinner	36
	Morning snack	37
	Afternoon snack	38
26b.	Where are meals prepared? - precoded	
	Center	39
	Public school	40
	Caterer	41
	Other	42
27	Allow attendance when ill - precoded	43

Card Type 05, cont.

Questionnaire Item No.	Instruction	Card Column
28c.	In-service training - precoded	44
	How many?	45-46
29.	Certified by state	47-48
	Nursery/kindergarten	49-50
	Early childhood development	51-52
	Elementary education	53-54
	Other	55-56
30.	New staff - precoded	
	Recruit	57
	Referred	58
	Apply on their own	59
	Friend & assoc.	60
	Other	61
31.	Difficulty in hiring - precoded	62
32.	Reasons for difficulties - precoded	
	A	63
	B	64
	C	65
	D	66
	E	67
33.	Staff using foreign language	68-69
	Card Type 05	79-80

Card Type 06

Questionnaire Item No.	Instruction	Card Column
34a.	Marital status	
	(1) Two	11-13
	(2) Female	14-16
	(3) Male	17-19
	(4) Other	20-22
	(5) Don't know	23-25
	Check total to make certain that items (1), (4), and (5) sum to 100.	
	Insert leading zeros, e.g. 5% would be coded 005.	
34b.	Family income	
	less than $2,000	29-31
	$2,000 - $3,999	32-34
	$4,000 - $5,999	35-37
	$6,000 - $7,999	38-40
	$8,000 - $9,999	41-43
	$10,000 or more	44-46
	Don't know	47-49
	Check that total equals 100.	
34c.	Employment status of mothers	
	Full-time	50-52
	Part-time	53-55
	Not working	56-58
	Don't know	59-61
35a.	Precoded	62
35b.	Purpose	63

Response	Code
General when needed	1
Discuss behavioral problems (only)	2
Discuss emotional problems (only)	3
Discuss health problems (only)	4
Discuss progress	5
Any combination of 2, 3, 4 (only)	6
Any combination of 5 + 2, 3, 4 (only)	7
Other	8
	9
Not applicable	0

Card Type 06, cont.

Questionnaire Item No.	Instruction	Card Column
36.	Parent participation - precoded	
	Caring	66
	Policy	67
	Fund	68
	Repairing	69
	Other	70
	Card Type 06	79-80

Card Type 07

Questionnaire Item No.	Instruction	Card Column
37a.	Code to nearest dollar	11-16
37b.	Annual period beginning	
	Month	17-18
	Year	19-20
	Months will be coded 01 - 12, use last two digits of year, e.g. year beginning July 1, 1968 would be coded 0768.	
38.	Break down of receipts	
	Parent fees	21-26
	Federal sources	
	DOL	27-32
	OEO	33-38
	HEW	39-44
	Other Federal	45-50
	State gov't sources	51-56
	Local gov't sources	57-62
	Community organizations	63-68
	Individual contributions	69-74
	All of these items should be additive & sum equal to the total given in item 37a.	
	Card Type 07	79-80

Card Type 08

Questionnaire Item No.	Instruction		Card Column
38 (cont.)	Other		11-16
39	Precoded	1 Yes 2 No 3 - No Fee (Skip to 44) 4 - Fee not codable	17
40	Precoded		
	A		18
	B		19
41	Precoded		20
	If a dollar figure is given in item 41 instead of a code, code to the nearest dollar and write it in red in the right-hand margin.		21-22
	Note: If the fee is given for other than a 5 day week, adjust fee reported in item 41 accordingly.		
42	Sliding scale		
	Upper limit on first income class, in thousands		23-24
	Nearest dollar charge if family size not relevant		25-26
	Nearest dollar charge if family has		
	1 child		27-28
	2 children		29-30
	3 children		31-32
	4 children		33-34
	5 children		35-36
	6 children		37-38
	2nd income class (same coding)		39-54
	3rd income class (same coding)		55-70
	Card Type 08		79-80

Card Type 09

Questionnaire Item No.	Instruction	Card Column
42 (cont.)	4th income class (same coding)	11-26
	5th income class (same coding)	27-42
	6th income class (same coding)	43-58
	7th income class (same coding)	59-74
	Card Type 09	79-80

Card Type 10

Questionnaire Item No.	Instruction	Card Column
43	Weekly fee - precoded	
	1st child - code $ if > $45	11 12-13
	2nd child - code $ if > $45	14 15-16
	3rd child - code $ if > $45	17 18-19
	If weekly fee is reported for other than a 5 day week, adjust the fee accordingly.	
44.	Precoded	20
45.	Extra changes - Yes/No	
	Food Yes - No	23 24-25
	Transportation Yes - No	26 27-28
	Medical Yes - No	29 30-31
	Insurance Yes - No	32 33-34
	Field trips Yes - No	35 36-37
	Other Yes - No	38 39-40
	Round all figures reported to the nearest dollar per week.	
46	Source of fees	
	Parents	41-43
	Public Agencies	44-46
	Combination	47-49
	Other	50-52

Card Type 10, cont.

Questionnaire Item No.	Instruction	Card Column
47a.	Precoded	53
47b.	Precoded	54
47c.	Total annual cost	55-60
	Card Type 10	79-80

Card Type 11

Questionnaire Item No.	Instruction	Card Column
48a.	Need for more	
	A	11
	B	12
	C	13
48b.	What type	
	A	14
	B	15
	C	16
49	What problems	
	1st problem mentioned	17-18
	2nd problem mentioned	19-20

Response	Code
Parents/Children	
High child turnover	01
Late picking kids up	02
Age limit for children	03
Difficulty getting enough children	04
Facilities	
Getting qualified help	11
Facilities & equipment not sufficient	12
Meeting licencing regulations	13
Facilities inconvenient place	14
Operating Expenses	
Lack of money	21
Not enough volunteers	22
Unable to charge enough	23
Parents don't pay on time	24
Other	51
No problem	00

Card Type 11, cont.

Questionnaire Item No.	Instruction	Card Column
50	Licensed? Precoded	21
	For how many?	22-24
	Are you in process? Precoded	25
	Blank	26
51a.	Total square footage	27-32
52	Precoded	33
I (1)	Precoded	34
I (2)	Precoded	35
I (3)	Internal Good 1 Fair 2 Poor 3	36
	External Good 1 Fair 2 Poor 3	37
	Completeness Racing A - 1 B - 2 C - 3	74
	Center Weight	75-78

Card Type 30 (series)

Questionnaire Item No.	Instruction		Card Column
	Notice - There may be more than one type 30 (series) card. The number of cards depends upon the size of the regular staff and number of volunteers.		
	The coding of this data should be done on a special form whenever there is need for more than one card.		
28b.	Title & primary function		11-12
	Administrative		
	Director, owner	01	
	Assistant director	02	
	Secretary, receptionist	03	
	Bookkeeper	04	
	Clerk, typist	05	
	Child Service Related Personnel		
	Teacher	31	
	Teacher's aide, helper	32	
	Head teacher, supervisor	33	
	Supportive		
	Cook	51	
	Custodian, porter, maid	52	
	Driver	53	
	Nurse	54	
	Nutritionist, dietitian	55	
	Social worker	56	
	Doctor	57	
	Volunteer - job not given	71	
	Age use reported age		13-14
	Race		15
	If American Indian - code	1	
	White - code	2	
	Negro - code	3	
	Spanish-American - code	4	
	Oriental-American - code	5	
	Other - code	6	

Card Type 30 (series), cont.

Questionnaire Item No.	Instruction		Card Column
28b. (cont.)	Sex		16
	If male code	1	
	If female code	2	
	Hours/week use reported		17-18
	Education level		19
	If less than 8 yrs. code	1	
	Some high school	2	
	High school graduate	3	
	Some college	4	
	BA or BS - graduate	5	
	Some post-graduate	6	
	Higher degrees	7	
	Business, technical	8	
	Nursing degree	9	
	Major area		20
	Education	1	
	Psychology	2	
	Sociology	3	
	Other	4	
	Some nursery/day care training	5	
	Present salary		21-25
	Notice - Monthly salary if reported as yearly or weekly amount. Assume the salary reported covers the same period of time the center is open, Q. 2b. If wages are reported on an hourly basis, multiply by the reported number of hours per week and by the number of weeks a year (52), then divide by 12 (months).		
	Years of related experience		26-28
	Code to the nearest 1/10 year using a three digit code with a decimal point between the 2nd and 3rd digits, e.g., 2 and 1/2 years would be codes 025.		

Card Type 30 (series), cont.

Questionnaire Item No.	Instruction	Card Column
28b., (cont.)	Length of time at center	29-31
	Code the same as given above for experience.	
	Notice - Duplicate the same coding for each of the staff members and volunteers tested. The salary for the volunteer will be coded as (00000).	
	2nd member of staff	32-52
	3rd member of staff	53-73
28a.	Total number of staff members coded for facility	77-78
	Notice - This number will be punched in the first card only of the personnel data deck. If e.g. a facility reported 16 staff members and volunteers, the number 16 would only be punched onto the first card. There would be 5 cards with 3 individuals each and a sixth card with data for the 16th individual.	
	Card Type 30, 31, etc.	79-80

Project No. 0824
Day Care

Day Care Operator
(Long Form)

Edit Rules

General

1. After editing a questionnaire put your initials in the upper right hand corner of the front page.

2. Use a red pencil for editing.

3. Whenever you make a change on the questionnaire put your initials next to the change and be prepared to give reasons why the change was made. Keep notes, identifying each questionnaire by the serial number found on the upper right hand corner of the cover page.

4. In questions where there is a possible yes-no answer (1 or 2) for each item in a question:

    a. If at least one "1" is circled, any blanks must be circled "2".

    b. If all blank, call the operator.

    c. If at least one "2" is circled but the others are blank, call the operator.

5. Open End questions:

    a. List all comments by question number.

    b. If same answer previously given, tally it.

Specific Rules

Questionnaire Item No.	
1.	Change years and months to total number of months.
2b.	Change the times given so that they are based on the 24-hour clock. For example, 6 a.m. to 6:30 p.m. should read 0600 - 1830. (Must be at least 7 hours.)
4.	Should agree with Q. 3. If a "1" is circled in Q. 3, then all of the children in Q. 4 should be full-day. If "2" is circled in Q. 3, all the children in Q. 4 should be part-day. If part-day children only, questionnaire is ineligible.

Questionnaire Item No.	
5.	The number of full-day children in Q. 5 should equal number full-day in Q. 4. The same is true of part-day.
6a., 6b. and 8	Should individually add to the total full-day given in Q. 5.
7.	The number recorded should be equal to or less than the number of full-day children in Q. 5.
9.	If a list is maintained record number, zero included, on line provided. If 2 (no list maintained) is circled, the line provided should be blank.
10.	Must make sense in view of Q. 1. If center has been open less than a year, use judgment as to whether a given code should be circled, or a code 6 "not open long enough" should be used.
11a.	If "no" then Q. 11b should be blank. If "yes" but no such children are enrolled at present there should be zeros in the blanks.
12a.	If "yes" then Q. 12b should be blank.
12b.	If "no" in Q. 12a, then at least one "yes" should be circled in Q. 12b.
13a.	If "no", Q. 13b should be blank.
14.	If "yes" in Q. 12a and center is owned and operated by one person or couple, Q. 14 should be coded 8. Code 7 should be used only in centers operated by a private company.
15a.	If "owned", Q. 15b should be blank.
16.	Check this answer with answer in section I (1).
17.	If washbasins, toilet facilities or classrooms are circled "one", a number should be given for child-size and adult-size. If either child-size or adult-size has been left blank, edit in a zero. If both are blank fill in "NA" (no answer).
18a.	If all "no", Q. 18b and 18c should be blank.

Questionnaire Item No.	
18c.	If given as length X width convert figure to square feet (i.e., 10x10 = 100 sq. ft.)
19.	If yes is checked make sure that "all, some or none" is written in and that a replacement cost is checked. If replacement cost is $800 or more make sure actual cost is recorded.
23.	There would be at least one check for each item a to g. It is possible to have two checks on a line. Check answers for consistency with Q. 45.
25a.	Number of children listed should not exceed the total number of part-day children of school age (five and over) listed in Q. 4. The exceptions are (1) when a center is open more than 7 hours after school--until 10:30 p.m. or (2) five-year old kindergartners who come before and after school are listed as full-day. If "no" to Q. 25a then Q. 25b, Q. 26a and Q. 26b should be blank.
28a. & b.	If one person is running the center, then Q. 30, Q. 31, Q. 32 edit "no" and Q. 28c and Q. 29 edit 0. Number entered in Q. 28a must agree with number listed in Q. 28b. If Q. 28a is one less than Q. 28b, edit it up one because operator probably forgot herself.
28b.	Salary should be edited to a monthly basis. Make sure title of staff member is given, not name of staff member.
28c., 29 and 33.	Number of teachers cannot exceed total staff given in Q. 28a.
29.	Number certified must be equal to or less than number of college grads.
31.	If "none at all" is circled then Q. 32 should be blank.
33.	If "yes", must have some non-English speaking children in Q. 6b.

34a., b., and c.	Each of these units should add to 100%. Convert numbers to percentages. Where numbers are given, make sure they correspond to full-day children given in Q. 4.
35a.	If "a" is :no", "b" should be blank.
37a. and 47c.	Round to nearest dollar amount. If 50 cents, round up to next dollar.
38.	Total given must match Q. 37a. Individual items must add to the total. Check for consistency with Q. 12b, 13b and 46.
39.	If "yes", Q. 40, 42, and 43 should be blank. Answer only in Q. 41. If "no" or "fee not codable" go to Q. 40. If "no fee" Q. 40 to 43 should be blank.
40.	If "yes" to a, Q. 41, 43 should both be blank, answer only Q. 42. If "yes" to b, Q. 41, 42 should both be blank, answer only Q. 43. If "yes" to both a and b, Q. 41 should be blank, answer both Q. 42 and Q. 43. If fee "not codable" in Q. 39, answer must be in Q. 40, then Q. 41 to Q. 43 should be blank.
41.	When answered SKIP TO Q. 44, (Q. 42 and Q. 43 should be blank).
43.	One number should be circled for each column and should descend or be the same in value. For example, if 4 is circled in the first column, then a 4, 3, 2 or 1 should be circled in the other two columns. If 3rd column is blank, code as "no answer". If over $45, figure should be to nearest dollar--round 50 cents up to next dollar. If amount given is for other than a 5-day week, convert figures to weekly amounts.
45.	For $ per _____, if other than a time period (i. e., week, day, year) make note. Field trip can be per trip.
46, 47a, b, & c	Should add to 100%. Should agree with Q. 38 and Q. 12b. If "no" to "a" then "b" is blank. Check Q. 47c with Q. 37 to see if amount received and spent are reasonable.

Questionnaire Item No.	
48a.	If all "no" or "don't know", Q. 48b should be blank.
51a.	Multiply any length x width figures out to square feet (i.e., 10x10 = 100 sq. ft.)
I-3	Edit to good, fair, poor.

Westat Research, Inc.

MULTIPLE LAYOUT CARD FORM

4/13/71

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OPERATION QUESTIONNAIR LONG FORM

CUSTOMER NAME OEO - DAY CARE

CONTROL NO. 0824

Card columns	Data field no.	Field
1-2		PSU NO.
3-4		Center NO.
5		County NO
6		Listing
7		Center
8-10		
11-13	1	Q 1A.
14-16	2	Q 1B.
17	3	Q 2A.
18-21	4	Q 2B FROM
22-25	5	Q 2B TO
26-27	6	Q 2C
28	7	Q 3
29-31	8	Q4 (1) FULL DAY
32-34	9	Q4 (2) PART DAY
35		BLANK
36-38	11	Q5; < 2 FULL
39-41	12	Q5; < 2 PART
42-44	13	Q5; 2 FULL
45-47	14	Q5; 2 PART
48-50	15	Q5; 3 FULL
51-53	16	Q5; 3 PART
54-56	17	Q5; 4 FULL
57-59	18	Q5; 4 PART
60-62	19	Q5; 5 FULL
63-65	20	Q5; 5 PART
66-68	21	Q5; 6 FULL
69-71	22	Q5; 6 PART
72-74	23	Q5; 7+ FULL
75-77	24	Q5; 7+ PART
78		BLANK
79-80		CARD TYPE 01

Card columns	Data field no.	Field
1-2		PSU NO
3-4		Center NO.
5		County NO
6		Listing
7		Center
8-10		
11-13	25	Q6A. Boys
14-16	26	Q6A. Girls
17-19	27	Q6B White
20-22	28	Q6B Negro
23-25	29	Q6B Sp. Amer.
26-28	30	Q6B Orient Am.
29-31	31	Q6B Amer. Indian
32-34	32	Q6B Other
35-37	33	Q7
38-40	34	Q8 ≤ 4 days
41-43	35	Q8 5 days
44-46	36	Q8 6 days
47-49	37	Q8 7 days
50	38	Q9 WAIT. LIST
51-53		NO. ON WAITING LIST
54-55		BLANK
56	39	Q10
57	40	Q11A
58-60	41	Q11B Full Day
61-63	42	Q11B Part-Day
64-78		BLANK
79-80		CARDTYPE 02

Card columns	Data field no.	Field	Group
1-2		PSU NO	
3-4		Center NO	
5		County NO	
6		Listing	
7		Center	
8-10			
11	49	Q12A	
12	50	Parent Fee	Q 12B
13	51	C.A.A.	
14	52	Welfare	
15	53	Com. Orga.	
16	54	Church	
17	55	Other	
18-19	56	BLANK	
20	57	Q13A	
21	58	Com. Organ	Q 13B
22	59	Church	
23	60	C.A.A.	
24	61	Individuals	
25	62	Welfare	
26	63	Private	
27	64	School	
28	65	Hospital	
29	66	Other	
30	67	Q14	
31	68	Q15A	
32	69	Q15B	
33	70	1st	
34	71	2nd	
35-36	72	Q15C	
37	73	Q16	
38	74	Fire Alarm-ele	Q 17
39	75	Fire Alarm-Man.	
40	76	Fire Exting.	
41	77	Kitchen	
42	78	Washbasins	
43-44	79	# Child	
45-46	80	# Adult	
47	81	Run. Water	
48	82	Toilets	
49-50	83	# Child	
51-52	84	# Adult	
53	85	Administ.	
54	86	Classroom	
55-56	87	How many	
57	88	Tables	
58	89	Phone	
59	90	Isolation	
60	91	Home	Q 18A
61	92	Private	
62	93	Public	
63	94	Other	
64	95	Pushing	Q 18B
65	96	Climbing	
66	97	Pulling	
67	98	Riding	
68	99	Swinging	
69	100	Other	
70-75	101	18C	
76-78		BLANK	
79-80		Card Type 03	

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MULTIPLE LAYOUT CARD FORM

Operation Questionnaire
Long Form

CUSTOMER NAME OEO - Day Care

CONTROL NO. 0824

Data Field No.	Field
	PSU NO
	Center NO
	County NO
	Listing Center
	BLANK
101A	Q19 I Have
102	Donated
103	Value
104	Q19 II
107	Q19 III
110	Q19 IV
113	Q19 V
116	Q19 VI
119	Q19 VII
122	Q19 VIII
124	Q19 IX
127	Q19 X
130	Q20
131	Q21A Backer.
132	Medical
133	Attendance
134	Development
135	Q22A
136	Q22B Hospital
137	Physician
138	Nurse
139	Q23 A
140	B
141	C
142	D
143	E
144	F
145	G
	BLANK
	Card Type 04

Data Field No.	Field	Q
	PSU N	
	Center NO	
	County NO	
	Listing Center	
146	Breakfast	Q 24A
147	Lunch	
148	Dinner	
149	AM Snack	
150	PM Snack	
151	Home	Q 24B
152	School	
153	Caterer	
154	Other	
155	Q25A	
156	Before	
157	After	
158	Both	
159	Educational	Q 25B
160	Recreational	
161	Remedial	
162	Other	
163	Breakfast	Q 26A
164	Lunch	
165	Dinner	
166	AM Snack	
167	PM Snack	
168	Home	Q 26B
169	School	
170	Caterer	
171	Other	
172	Q27	
173	Q28C	
174	How many	
175	How many	Q 29
176	Nursery/ Kinder.	
177	Child Hood Development	
178	Elementary	
179	Other	
180	Recruit	Q 30
181	Referred	
182	Apply	
183	Friends	
184	Other	
185	Q31	
186	Q32 (A)	
187	(B)	
188	(C)	
189	(D)	
190	(E)	
191	Q33	
	BLANK	
	Card Type 05	

Data Field No.	Field	Q
	PSU NO	
	Center NO	
	County NO	
	Listing Center	
207	Two Parents	Q 34 A
208	One Female	
209	One Male	
210	Other	
211	Don't Know	
	BLANK	
212	Income < 2,000	Q 34 B
213	Income 2,000-3,999	
214	Income 4,000-5,999	
215	Income 6,000-7,999	
216	Income 8,000-9,999	
217	Income 10,000 +	
218	Don't Know	
219	Employment Full Time	Q 34 C
220	Part Time	
221	Not Working	
222	Don't Know	
223	Q35 A	
224	Q35 B	
	BLANK	
225	Caring-At Center	Q 36
226	Policy	
227	Fund Raising	
228	Repairing	
229	Other	
	BLANK	
	Card Type 06	

Westat Research, Inc.

MULTIPLE LAYOUT CARD FORM

Operation Questionnair
Long Form

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CUSTOMER NAME OEO - Day Care

CONTROL NO. 0824

Columns	Data Field No.	
1-2		PSU NO
3-4		Center NO
5		County NO
6		Listing
7		Center
8-10		
11-16	233	Q37A
17-18	234	Q37B Mon.
19-20	235	Q37B Year
21-26	236	Q38 Parent Fees
27-32	237	Q38 Department of Labor
33-38	238	Q38 OEO
39-44	239	Q38 HEW
45-50	240	Q38 Other Federal
51-56	241	Q38 State Goverment
57-62	242	Q38 Local Goverment
63-68	243	Q38 Communi.ty Organiza.
69-74	244	Q38 Intividual Contribu.
75-78		
79-80		Card Type Ø7

Columns	Data Field No.	
1-2		PSU NO
3-4		Center NO
5		County NO
6		Listing
7		Center
8-10		
11-16	245	Q38 (CON'T) Other
17	246	Q39
18	247	Q40 (A)
19	248	Q40 (B)
20	249	Q41
21-22	250	Q41 Dollar
23-24	251	Q42 1st Line
25-26	252	Q42 No Size
27-28	253	Q42 1
29-30	254	2
31-32	255	3
33-34	256	4
35-36	257	5
37-38	258	6
39-40	259	2nd Line
41-42	260	No Size
43-44	261	1
45-46	262	2
47-48	263	3
49-50	264	4
51-52	265	5
53-54	266	6
55-56	267	3rd Line
57-58	268	No Size
59-60	269	1
61-62	270	2
63-64	271	3
65-66	272	4
67-68	273	5
69-70	274	6
71-78		
79-80		Card Type 08

Columns	Data Field No.	
1-2		PSU NO
3-4		Center NO
5		County NO
6		Listing
7		Center
8-10		
11-12	275	Q42 4th Line
13-14	276	No Size
15-16	277	1
17-18	278	2
19-20	279	3
21-22	280	4
23-24	281	5
25-26	282	6
27-28	283	5th Line
29-30	284	No Size
31-32	285	1
33-34	286	2
35-36	287	3
37-38	288	4
39-40	289	5
41-42	290	6
43-44	291	6th Line
45-46	292	No Size
47-48	293	1
49-50	294	2
51-52	295	3
53-54	296	4
55-56	297	5
57-58	298	6
59-60	299	7th Line
61-62	300	No Size
63-64	301	1
65-66	302	2
67-68	303	3
69-70	304	4
71-72	305	5
73-74	306	6
75-78		
79-80		Card Type C9

Westat Research, Inc.

MULTIPLE LAYOUT CARD FORM

Operation Questionnaire
Long Form

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CUSTOMER NAME: OEO - Day Care

CONTROL NO. 0824

Data Field No.	
	PSU NO
	CENTER NO
	COUNTY NO
	LISTING
	CENTER
307	Q43 1st code
308	$
309	2nd code
310	$
311	3rd code
312	$
313	Q44
314	BLANK
315	Q45
316	FOOD
317	
318	TRANS.
319	
320	Medical
321	
322	INSURANCE
323	
224	Field Trips
225	
326	Other
327	Q46 PARENTS
328	PUBLIC
329	COMB.
330	OTHER
331	Q47 A
332	Q47 B
	Q47C
	CARD TYPE 10

Data Field No.	
	PSU NO
	CENTER NO
	COUNTY NO
	LISTING
	CENTER
328	Q48a (A)
329	(B)
330	(C)
331	Q48 B (A)
332	(B)
333	(C)
334	Q49 1st
335	2nd
336	Q50
337	How many
338	In process
~~[illegible]~~	BLANK
339	Q51A
340	Q52
341	I (1)
342	I (2)
343	INTERNAL
344	EXTERNAL
	CARD TYPE 11

Data Field No.	
	PSU NO
	CENTER NO
	COUNTY NO
	LISTING
	CENTER
1st STAFF MEMBER	Q29 TITLE
	AGE
	RACE
	SEX
	HRS/WK
	EDUC
	MAJOR
	SALARY
	YEARS EXPER.
	YEARS AT CENTER
2nd	
3rd	
	BLANK
	TOTAL NO STAFF MEMBER
	CARD TYPE 30

4/13/71

Westat Research, Inc.

MULTIPLE LAYOUT CARD FORM

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OPERATION QUESTIONNAIRE
LONG FORM

CUSTOMER NAME OEO - DAY CARE

CONTROL NO. 0824

Columns	Field	DATA FIELD NO
1 2	PSU NO	
3 4	CENTER NO	
5	COUNTY NO	
6	LISTING	
7	CENTER	
8 9 10		
11 12	Q29B TITLE	4th 7th 9th etc.
13 14	AGE	
15	RACE	
16	SEX	
17 18	HRS / WK	
19	EDUC.	
20	MAJOR	
21 22 23 24 25	SALARY	
26 27 28	YEARS EXPER.	
29 30 31	YEARS AT CENTER	
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52		5th 8th 11th ETC
53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74		6th 9th 12th ETC.
75 76 77 78	BLANK	
79 80	CARD TYPE 51 39	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Screening Questionnaire
Editing and Coding Instructions

Card Type 00

General Instructions

1. Use a red pencil for coding.

2. Put all codes on right hand margin of questionnaire.

3. Unless provided for in precoded items, the following codes will be used for "don't know" and "no answer."

   Don't Know +

   This code is to be used in all cases where the interviewer has indicated on the questionnaire that the respondent stated he/she did not know the answer.

   No Answer -

   This code is to be used in all cases where the respondent should have answered the question but did not do so.

   If one of these codes (+ or -) is used in a field of more than one column always put the code in the first column of the field and fill in the rest of the field with zeros. (Example +00)

Numbering and Processing of Screening Questionnaires

1. Only the screening questionnaires leading to an interview (Operator Long or Short Form, or Parent Questionnaire) will be numbered and processed.

2. The first 14 columns, representing the identification of the questionnaire will be entered on the right upper margin, above the heavy black line (see attached example).

Cols. 1 - 2	PSU No.	01	in example
Cols. 3 - 4	Center (home no.)	26	in example

If this is a Day Care Center and long form operators questionnaire has been filled out, enter here the next available center number within the appropriate PSU and county. Thus, if in PSU 01, county 02, we have listed and interviewed 25 centers, the number of this center will be 26.

If this is a user interview, code center number through which parent (user) was contacted. If this is a Family Day Care Home (Operator Questionnaire: Short Form) number consecutively within each PSU and county.

Col. 5 County no. 2 in example

Col. 6 Type of block or ED--Blank when respondent is user;*

*1-Poverty, Central City
2-Non-poverty, Central City
3-Other Urbanized Areas outside Central City
4-ED outside Urbanized Areas

Col. 7 Type of response

Use the following code for this column.

Day Care Center	1
Family Day Care Home	2
User	
Working	3
Non-working	4
Area Sample	
Working	5
Non-working	6

In the attached example this is a Day Care Center and therefore is coded as 1.

Cols. 8-10 Parent no. 000 in example

Since this is a Day Care Center the parent no. will be 000. For all other parent questionnaires the parents will be numbered starting with 001 within each PSU.

Cols. 11-14 Tract or ED no. 0059 in example

This number indicates that this Day Care Center is located in tract no. 59. Some tracts or EDs are designated by numbers followed by decimals, for instance 1805.01. In such a case disregard the decimals and code as 1805. Note: In the case of user interviews this field will be coded 0000.

Cols. 15-16 are blank.

Questionnaire Item No.	Instruction	Col. Nos.
1.	Record actual number	17-18
2.	Child No. 1	
	Actual age	19-20
	Sex M - 1 F - 2	21

*Codes for Col. 6

Questionnaire Item No.	Instruction		Col. Nos.
2. cont.	Child no. 1 (con't)		
	Relationship to respondent		22
	Son	1	
	Daughter	2	
	Grandson	3	
	Granddaughter	4	
	Niece	5	
	Nephew	6	
	Other relative	7	
	Non-relative	8	
	Responsibility		23
	Respondent	1	
	Mother	2	
	Father	3	
	Aunt	4	
	Uncle	5	
	Grandfather	6	
	Grandmother	7	
	Other realtive	8	
	Non-relative	9	

Note: Question 2 applies only to those children who live in the household. Children who only are enrolled in a Day Care Center or Family Day Care Home, but do not live there should not be listed in Table A.

Note that in col. 23 (responsibility) the code for respondent should always be used in a case where the respondent also is, for instance, the mother, or a relative.

Child No. 2	repeat	24-28
Child No. 3	repeat	29-33
Child No. 4	repeat	34-38
Child No. 5	repeat	39-43
Child No. 6	repeat	44-48
Child No. 7	repeat	49-53
Child No. 8	repeat	54-58
Child No. 9	repeat	59-63

Note: If there are more than nine children go to card type 40,begin with column 19-20.

Total no. of children listed in Table A	64-65

Questionnaire Item No.	Instruction	Col. Nos.
3	Precoded Yes - 1 No - 2	66
4	Two or more days a week - 1 Less than 2 days a week - 2	67
5	One or more - 1 None - 2	68
6	Yes - 1 No - 2	69
7	Respondent - 1 Other - 2	70
8	Precoded	71
	Card Type 00	79-80

Note: All not applicable questions are to be coded 0.

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MULTIPLE LAYOUT CARD FORM

CUSTOMER NAME Screening Questionnaire

CONTROL NO. 0824

1 2	PSU NO.
3 4	CENTER (HOME) NO.
5	COUNTY
6	BLANK
7	TYPE
8 9 10	PARENT NO.
11 12 13 14	TRACT OR ED NO.
15 16	BLANK
17 18	Q 1. CHILDREN 4 OR YOUNGER
19 20	Q 2. 1st CHILD AGE
21	SEX
22	Relationship
23	Responsibility
24 25	2nd CHILD
26	"
27	"
28	"
29 30	3rd CHILD
31	"
32	"
33	"
34 35	4th CHILD
36	"
37	"
38	"
39 40	5th CHILD
41	"
42	"
43	"
44 45	6th CHILD
46	"
47	"
48	"
49 50	7th CHILD
51	"
52	"
53	"
54 55	8th CHILD
56	"
57	"
58	"
59 60	9th CHILD
61	"
62	"
63	"
64 65	TOTAL NO OF CHILDREN
66	Q.3 PRECODED
67	Q.4 PRECODED
68	Q.5 PRECODED
69	Q.6 PRECODED
70	Q 7 PRECODED
71	Q 8 PRECODED
72 73 74 75 76 77 78	BLANK
79 80	CARD TYPE 00

1 2	PSU NO.
3 4	CENTER (HOME) NO.
5	COUNTY
6	BLANK
7	TYPE
8 9 10	PARENT NO.
11 12 13 14	TRACT OR ED NO.
15 16 17 18	BLANK
19 20	10th CHILD AGE
21	SEX
22	Relationship
23	Responsibility
24 25	11th CHILD
26	"
27	"
28	"
29 30	12th CHILD
31	"
32	"
33	"
34 35	13th CHILD
36	"
37	"
38	"
39 40	14th CHILD
41	"
42	"
43	"
44 45	15th CHILD
46	"
47	"
48	"
49 50	16th CHILD
51	"
52	"
53	"
54 55	17th CHILD
56	"
57	"
58	"
59 60	18th CHILD
61	"
62	"
63	"
64 65	19th CHILD
66	"
67	"
68	"
69 70	20th CHILD
71	"
72	"
73	"
74 75 76 77 78	BLANK
79 80	CARD TYPE 40

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Project 0824
Day Care

Screening Form and Parent Questionnaire Edit Rules

General Instructions

1. Make sure I.D. number printed on Screening Questionnaire matches I.D. number entered by interviewer on Parent Questionnaire.

2. Before starting to edit Screening Questionnaire, look over the Parent Questionnaire and determine whether you are dealing with a user questionnaire or an area sample case. If you are dealing with an area sample case make sure you are dealing with

   a. a working mother

   b. a non-working mother

   The way to determine whether you are dealing with an area sample case or a user is first to look at the Screening Questionnaire. In the case of a User, only questions 1 and 2 of the Screening Questionnaire should be filled out. In addition, in the Parent Questionnaire, the box entitled "Instructions for Center User Interviews" on the second page of the questionnaire should be filled in.

   In order to distinguish between a working and non-working mother in the area sample cases look at question 3a of the Parent Questionnaire. If any of the "yes" boxes are checked you are dealing with a "working" mother, if "none of these" is checked, you are dealing with a non-working mother.

SCREENING QUESTIONNAIRE

See Editing and Coding Instructions for Screening Questionnaire to determine rules for code numbers which are on the upper right-hand corner of the Screening Questionnaire.

Only Screening Questionnaires resulting in an interview will be edited, coded and punched; therefore, in all the questionnaires you are dealing with at least one child under 13 must be entered in Q. 2 Table A.

Be sure that pattern resulting in Parent Questionnaire is correctly followed in Q. 3 to 7. If pattern is correct and if this should not be an Operators Questionnaire (long or short form) go to Q. 8.

If this is an area sample case, the income must be marked as being less than $8,000. If this is a user case, the income may be above or below $8,000.

If in an area sample case, Q. 8 is either not answered or the answer was refused, check the answer to Q. 10 in the Parent Questionnaire. If that question is answered edit the proper answer into the Screening Questionnaire. If this answer is more than $8,000 put both questionnaires aside and call it to the attention of the supervisor. If income is below $8,000 proceed with editing. If the answer to Q. 10 also is refused, put both questionnaires aside and call them to the attention of the supervisor.

PARENT QUESTIONNAIRE

Questionnaire Item No.	
1a. and 1b.	Make sure that the number entered in Q. 1a matches the number of persons listed in Q. 1b.
3a.	More than one of the "yes" boxes may be checked; however, if the "none of these" box is checked, no others can be checked. If the "none of these" box is checked then this should be a "non-working" mother. The questionnaire should continue with Q. NW1 on page 5; all questions in between should be blank. If any of the "yes" boxes are checked, the questionnaire should continue with Q. 3b and all of the "non-working" mother section should be blank.
4a. & 4b.	Convert a.m. and p.m. times into time according to 24-hour clock.
5.	Day Care Chart First, make sure that a day care chart is filled out for each one of the children listed in Table A for whom the respondent is responsible. Make sure that the correct child number has been transferred from Table A to box in upper left of Day Care Chart. Check to see that age and sex of the child correspond to information given in Table A.
5I & 5II.	Make sure that all of the hours the mother was away from home (Q. 4a and 4b) are accounted for under "arrangement" and "hours" in 5I and 5II.

Questionnaire Item No.	
5III	Convert to "weekly" if amount is for a different time period. If one lump sum is given for two or more children, divide by the number of children and allocate equal parts to each child. Any pay arrangements described in the "comments" section should be called to the attention of your supervisor. Columns 5III - 5V should not have been asked for periods the child was in school. They should be blank.
5V	Keep a list of reasons of dissatisfaction (together with the identification number of the questionnaire), so that a code can possibly be developed from the answers.
6a.	If this question is answered make sure from Table A that respondent has at least one pre-elementary school child.
6b.	If amount is stated in terms other than weekly, convert to weekly.
7a.	If this question is answered make sure, from Table A, that respondent has at least one child old enough to be in elementary school.
7b.	If this question is answered make sure, from Table A, that respondent has at least one pre-elementary school child.
NW1.	If this, and the following NW questions are answered, make sure by looking at Q. 3a that this really is a non-working mother. Only one answer should be marked for this question.
NW 5 & NW6.	If a or b are checked, Q. NW6 should not have been asked or answered. It should be blank. If a and/or b are not checked a "yes" or "no" answer should appear in NW6.
NW9.	No more than two different arrangements per child will be coded. If more reasons are checked for any one child, consult with supervisor Make sure that at least one box is checked for each child listed in Table A of the Screening Questionnaire.
NW10.	No more than two reasons should be checked.

NW11. If code 5 is circled, check for the following:

In Q. NW1, code should be 9
In Q. NW10, a, e, or f should be checked.

End of "non-working" mother section. The questions on page 8 of the questionnaire should be answered for all respondents.

10. If no dollar amount is circled, number 8 or 9 should be circled. If this is an area sample interview an amount under $8,000 must be checked.

Parent Questionnaire
Editing and Coding Instructions

CARD TYPE 01

General Instructions

1. Use a red pencil for coding.

2. Put all codes on right-hand margin of questionnaire.

3. Unless provided for in precoded items, the following codes will be used for "don't know" and "no answer".

   Don't Know +

   This code is to be used in all cases where the interviewer has indicated on the questionnaire that the respondent stated he/she did not know the answer.

   No Answer -

   This code is to be used in all cases where the respondent should have answered the question but did not do so.

   If one of these codes (+ or -) is used in a field of more than one column always put the code in the first column of the field and fill in the rest of the field with zeros. (Example +00)

   Columns 1 through 16 will be transferred from Screening Questionnaire leading to use of parent interview. (See instructions for editing and coding screening questionnaire.)

Items Common to All Cards

	Card Columns
PSU No.	1-2
Center No.	3-4
County No.	5
Type of Block or ED--blank when respondent is user	6
Type	7
Parent No.	8-10
Tract or ED No.	11-14
Blank	15-16

Project No. 0824
Day Care

Card Type 01

Questionnaire Item No.	Instruction	Card Column
1a.	Actual No.	17-18
1b.	First Person	
	Age	19-20
	Sex: Male - 1 Female - 2	21
	Relationship to respondent Respondent - 01 Wife - 02 Husband - 03 Mother - 04 Father - 05 Son - 06 Daughter - 07 Brother - 08 Sister - 09 Grandfather - 10 Grandmother - 11 Aunt - 12 Uncle - 13 Grandson - 14 Granddaughter - 15 Niece - 16 Nephew - 17 Other relative - 18 No relation - 19	22-23
	Repeat for second through ninth persons	24-63
	If more than 9 persons, code:	
	Number of additional females	64
	Number of additional males	65
	This is a: 1 parent household - 1 2 parent household - 2	66
2.	Code number of person who is head of household (from above)	67-68
	Code number of last grade completed 01 through 15	69-70

Card Type 01, cont.

Questionnaire Item No.	Instruction	Card Column
3.	Yes employed	71
	Box checked - 1	
	Box not checked - 2	
	Yes in training	72
	Box checked - 1	
	Box not checked - 2	
	Yes in school	73
	Box checked - 1	
	Box not checked - 2	
	None of these	74
	Box checked - 1	
	Box not checked - 2	
	If in column 74 the box is checked go to non-working mother section (Card Type 03).	
	Blank	75-78
	Card Type 01	79-80

Card Type 02

Questionnaire Item No.	Instruction	Card Column
3b.	Actual no.	17
3c.	Actual no.	18-19
4a.	Record time on basis of 24-hour clock	20-23
4b.	Record time on basis of 24-hour clock	24-27
6a.	Precoded	28
6b.	Payment. Record $ per week Code "nothing" as 00	29-30
7a.	Precoded	31
7b.	Payment. Record $ per week Code "nothing" as 00	32-33
8.	Precoded	34
9.	Safe place Checked - 1 Not checked - 2	35
	Playmates Checked - 1 Not checked - 2	36
	Good Food Checked - 1 Not checked - 2	37
	Medical program Checked - 1 Not checked - 2	38
	Good care Checked - 1 Not checked - 2	39
	Education Checked - 1 Not checked - 2	40

Card Type 02, cont.

Questionnaire Item No.	Instruction	Card Column
9 cont.	Training Checked - 1 Not checked - 2	41
	Play Checked - 1 Not checked - 2	42
	Other Checked - 1 Not checked - 2	43
	Blank	44-78
	Card Type 02	79-80

Card Type 03

Questionnaire Item No.	Instruction	Card Column
NW1.	Precoded	17
NW2.	Code - 1 if checked 2 if not checked	
	Safe place	18
	Playmates	19
	Good food	20
	Medical program	21
	Good care	22
	Education	23
	Training	24
	Play	25
	Other	26
NW3.	Precoded	27
NW4.	Actual no. Code "none" as 00.	28-29
NW5.	Code - 1 if checked 2 if not checked	
	No longer available	30
	Did not like	31
	Wanted to be with child	32
	Got pregnant/had child	33
	Responsibility	34
	Laid off	35
	Did not make enough money	36
	Did not like job	37
	Husband did not like . . .	38
	Illness	39
	Other	40
NW6.	Precoded	41
NW7.	Precoded	42
NW8.	Precoded	43

Card Type 03, cont.

Questionnaire Item No.	Instruction	Card Column
NW9.	Code no more than two arrangements per child.	
	Code - 1 Will care for himself 2 In home care 3 Family day care home 4 Day care center 5 Nursery school 6 Other	
	Child no. 1	44-45
	Child no. 2	46-47
	Child no. 3	48-49
	Child no. 4	50-51
	Child no. 5	52-53
	Child no. 6	54-55
	Child no. 7	56-57
	Child no. 8	58-59
	Child no. 9	60-61
	Child no. 10	62-63
NW10.	Code - 1 if boxes checked 2 if boxes not checked	
	While children young	64
	Problem finding day care	65
	Not enough money	66
	Can't find job	67
	Not interested in working	68
	No particular reason	69
	Other reason	70
NW11.	Precoded	71
10.	Income	72
	Race	73
	Spanish-American	74
	Blank	75-78
	Card Type 03	79-80

Card Type 04

Questionnaire Item No.	Instruction	Card Column
5.	1st child - Code child number from Table A of Screening Questionnaire	17-18
5 I.	Arrangement no. 1	19-20

Arrangement Code:

Child in school	- 01
Mother while working	- 02
Child watches self	- 03
In home:	
Father	- 04
Sibling	- 05
Other relative	- 06
Non-relative	- 07
Out of home:	
Relative	- 08
Non-relative (no pay)	- 09
Woman for pay	- 10
Day care center, nursery school, preschool	- 11
Before and after school program	- 12

Questionnaire Item No.	Instruction	Card Column
5 II.	Arrangement No. 1 - Total hours	21-23
5 III.	Arrangement No. 1 - Payment	24-25
5 IV.	Arrangement No. 1 - Satisfaction	26
5 V.	Arrangement No. 1 - Reason for dissatisfaction	27

1-Too expensive or can't afford any other arrangement.
2-Unsure of sitter's capability and/or reliability and/or responsibility.
3-Not enough supervision.
4-Transportation and/or hours are inconvenient.
5-Dislike imposing on relatives.
6-Staff not adequately trained.
7-Center's program not geared for child(ren)'s age group.
8-Dislike leaving child(ren) alone.
9-Other.

Card Type 04, cont.

Questionnaire Item No.	Instruction	Card Column
5 I.	Arrangement No. 2 - Arrangement Code	28-29
5 II.	Arrangement No. 2 - Total hours	30-32
5 III.	Arrangement No. 2 - Payment	33-34
5 IV.	Arrangement No. 2 - Satisfaction	35
5 V.	Arrangement No. 2 - Reason for dissatisfaction	36
5 I-V	Arrangement No. 3 - repeat same	37-45
5 I-V	Arrangement No. 4 repeat same	46-54
	Blank	55-78
	Card Type 04	79-80

Card Type 05

	Child no. 2	17-54
	Blank	55-78
	Card Type 05	79-80

Card Type 06

	Child No. 3	17-54
	Blank	55-78
	Card Type 06	79-80

Go to Card Type 07 for 4th child
Go to Card Type 08 for 5th child
Etc.

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MULTIPLE LAYOUT CARD FORM

4/2/71

page 1 of 2

CUSTOMER NAME Parent Questionnaire

CONTROL NO. 0824

Columns	Card Type 01
1–2	PSU NO
3–4	Center Home No
5	County
6	Block or ED
7	Type
8–10	Parent No
11–14	Tract or ED No.
15–16	Blank
17–18	Q1A: People in Household
19–20	Q1B First Person Age
21	Sex
22–23	Relationship
24–25	2nd Person Age
26	Sex
27–28	Relationship
29–30	3rd Person Age
31	Sex
32–33	Relationship
34–35	4th Person Age
36	Sex
37–38	Relationship
39–40	5th Person Age
41	Sex
42–43	Relationship
44–45	6th Person Age
46	Sex
47–48	Relationship
49–50	7th Person Age
51	Sex
52–53	Relationship
54–55	8th Person Age
56	Sex
57–58	Relationship
59–60	9th Person Age
61	Sex
62–63	Relationship
64	Females
65	Males
66	# Parent in HH
67–68	Head of Household
69–70	Education
71	Employed
72	In Training
73	In School
74	None of These
75–78	Blank
79–80	Card Type 01

Columns	Card Type 02	
1–2	PSU NO	
3–4	Center Home No	
5	County	
6	Block or ED	
7	Type	
8–10	Parent No	
11–14	Track or ED No	
15–16	Blank	
17	Q3B No of Days	
18–19	Q3C How Many Hours	
20–23	Q4A Time Left	
24–27	Q4B Time Returned	
28	6A Improvement	
29–30	6B Payment	
31	7A Improve.	
32–33	7B Payment	
34	8 Problems	
35	9 Safe Place	Q 9.
36	Playmates	
37	Food	
38	Medical	
39	Care	
40	Education	
41	Training	
42	Play	
43	Other	
79–80	Card Type 02	

Columns	Card Type 03	
1–2	PSU. NO	
3–4	Center Home No	
5	County	
6	Block or ED	
7	Type	
8–10	Parent No	
11–14	Tract or ED No	
15–16	Blank	
17	NW1 Care	
18	Safe Place	Q. NW2
19	Playmates	
20	Good Food	
21	Medical	
22	Good Care	
23	Education	
24	Training	
25	~~Play~~	
26	Other	
27	Q NW3 Work	
28	NW4	
29	No. of Hours	
30	Not Avail	Q NW. 5
31	Did Not Like	
32	With Child	
33	Had Child	
34	Responsib	
35	Laid Off	
36	Money	
37	Not Lik Job	
38	Husband	
39	Illness	
40	Other	
41	NW6 Stop Work	
42	NW7 Problem	
43	NW8 Looking	
44	NW9 Child 1	
45	Child 1	
46	Child No 2	
47	" No 2	
48	" No 3	
49	" No 3	
50	" No 4	
51	" No 4	
52	" No 5	
53	" No 5	
54	" No 6	
55	" No 6	
56	" No 7	
57	" No 7	
58	" No 8	
59	" No 8	
60	" No 9	
61	" No 9	
62	" No 10	
63	" No 10	
64	Young	Q NW 10
65	Day Care	
66	Lack of Money	
67	Can't Find Job	
68	Not Interest	
69	No Reason	
70	Other	
71	NW11 Day Care	
72	Q10 Income	
73	Race	
74	Sp. Am	
75–76	No Children in DC. Center	
77–78	Blank	
79–80	Card Type 03	

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MULTIPLE LAYOUT CARD FORM

4/12/71
page 2 of 2

CUSTOMER NAME PARENT QUESTIONNAIRE

CONTROL NO. 0824

PSU NO	1 2
CENTER NO (home)	3 4
COUNTY	5
BLOCK OR ED	6
TYPE	7
PARENT NO.	8 9 10
TRACT OR ED NO	11 12 13 14
BLANK	15 16
QS' Child 1	17 18
ARRANG. 1	19 20
TOTAL HOURS 1	21 22 23
PAYMENT 1	24 25
SATISFIED	26
DISSAT 1	27
ARRANG 2	28 29
HOURS 2	30 31 32
PAYMENT 2	33 34
SATIS 2	35
Dciai 2	36
ARRANG 3	37 38
HOURS 3	39 40 41
PAYMENT 3	42 43
SATIS 3	44
DISSATIS 3	45
ARRANG 4	46 47
HOURS 4	48 49 50
PAYMENT 4	51 52
SATIS 4	53
DISSATIS 4	54
BLANK	55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78
CARD Type Ø4	79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Operator Questionnaire
(Short Form)
Editing and Coding Instructions

General Instructions

1. Use a red pencil for coding.
2. Put all codes on right hand margin of questionnaire.
3. Unless provided for in precoded items, the following codes will be used for "don't know" and "no answer."

   Don't Know +

   This code is to be used in all cases where the interviewer has indicated on the questionnaire that the respondent stated he/she did not know the answer.

   No Answer -

   This code is to be used in all cases where the respondent should have answered the question but did not do so.

   If one of these codes (+ or -) is used in a field of more than one column always put the code in the first column of the field and fill in the rest of the field with zeros. (Example +00)

Items Common to All Cards

	Card Column
PSU No.	1-2
Home No.	3-4
County No.	5
Home code 2 for all	6
Tract or ED No.	7-10

Card Type 01

Questionnaire Item No.	Instruction		Card Column
1a.	Number of days/week		17
1b.	Hours the home is opened	From	18-21
		To	22-25
	Use 0100 - 2400 to code opening and closing times, e.g., 7:30 a.m. to 6:30 p.m. would be coded 0730 1830 (see card)		
2.	Enter no.		26-27
4a.	Provide transportation - precoded		28
4b.	Extra for transportation - precoded		29
4c.	How much do you charge?		30-31
	Notice - Record dollar amount to the nearest dollar and write in the right hand margin. If the fee is given for other than a 5-day week, adjust accordingly.		
5.	Meals served - full day - precoded		
	Breakfast		32
	Lunch		33
	Dinner		34
	Morning snack		35
	Afternoon snack		36
	Coder record from Q. 3		37
	Some children six years of age of older present 1 No such children present 2		

Card Type 01, cont.

Questionnaire Item No.	Instruction		Card Column
6a.	How many children		
	Before	enter no. of children	38-39
	After		40-41
	Both		42-43
6b.	Meals served school aged children		
	Breakfast		44
	Lunch		45
	Dinner		46
	Morning snack		47
	Afternoon snack		48
7a.	School aged children in your home - summer months	Precoded	49
7b.	No. of school aged children		50-51
8.	Minor illness (precoded)		52
9.	Emergency services		
	Hospital/clinic		53
	Physician		54
	Nurse		55
10.	Physical exam. (precoded)		56
11a.	Precoded		57
11b.	Full day	enter actual no.	58-59
	Half day		60-61

Card Type 01, cont.

Questionnaire Item No.	Instruction	Card Column
12.	Equipment, etc. - precoded	
	Fire ext.	62
	Running water	63
	Flush toilet	64
	Child size tables	65
	Telephone	66
	Isolation space	67
	Television	68
	Cots, etc.	69
	Musical toys, etc.	70
	Doll play, etc.	71
	Art equipment	72
	Books, etc.	73
	Tricycles, etc.	74
	Other	75
	Card Type 01	79-80

Card Type 02

Questionnaire Item No.	Instruction	Card Column
13a.	Precoded	17
13b.	Precoded	18
	(If "no" in Q. 13a, leave blank.)	
13c.	Swings	19
	Sand box	20
	Slide	21
	Jungle gym	22
	Other	23
	(If "no" in Q. 13a, leave blank.)	
13d.	Private	24
	Public	25
	Other	26
	(If "yes" in Q. 13a, leave blank.)	
14a.	Watching television	27
	Playing outside	28
	Playing inside	29
	Eating	30
	Napping	31
	Record no. of hours, round half hour to nearest hour.	
14b.	Playing games with them	32
	Reading to them	33
14c.	Anything else	
	1st mentioned	34
	2nd mentioned	35

Response	Code
Dance	1
Paint or coloring	2
Nothing	0

15.	Precoded	36-39
16a.	Code actual no.	40-41

Card Type 02, cont.

Questionnaire Item No.	Instruction	Card Column
16b.	No. of full-day families	42-43
16ba.	Code actual no. Total must equal no. of families coded in Q. 16b.	
	Two parents	44-45
	Female head of household only	46-47
	Male head of household only	48-49
	Other	50-51
	Don't know	52-53
	Total	54-55
16bb.	Under 2,000	56-57
	2,000-3,999	58-59
	4,000-5,999	60-61
	6,000-7,999	62-63
	8,000-9,999	64-65
	10,000 or more	66-67
	Don't know	68-69
	Total (must equal total in Q. 16b and 16ba)	70-71
16bc.	Full-time	72-73
	Part-time	74-75
	Not working	76-77
	Card Type 02	79-80

Card Type 03

Questionnaire Item No.	Instruction		Card Column
16bc. cont.	Don't know		17-18
	Total (must equal total in Q. 16b, 16ba, and 16bb)		19-20
17.	Convert years to months		21-23
18a.	Precoded		24
18b.	Nurse		25
	Early childhood		26
	Other		27
	If "no" in Q. 18a, leave blank.		
19.	Precoded		28
20a.	1st person	Relationship 1. Self 2. Husband 3. Wife 4. Son 5. Daughter 6. Other male relative 7. Other female relative 8. Non-relative male 9. Non-relative female	29
		Age (actual)	30-31
		Occupation 1. School 2. Pre-school 3. Paying job 4. Non-paying job 5. Non-working adult	32
20b. (1st person)	Yes 1 No 2		33
(2nd person)			34-38
(3rd person)			39-43

Card Type 03, cont.

Questionnaire Item No.	Instruction	Card Column
20b., cont.		
(4th person)		44-48
(5th person)		49-43
(6th person)		54-58
(7th person)		59-63
	Total no. of persons listed	64-65
	If more than 7 persons are listed go to card type 20; start with column 29; e.g., the 8th person would be coded on card type 20, columns 29-33 and so on.	
20c.	Precoded	66
20d.	Precoded	67-70
21.	Precoded	71
22a.	Precoded	72
22b.	What sources	73

Code as follows:

Response		Code
a. Fed., state, local		1
b. Community organization		2
c. Other		3
Combination	a & b	4
	a & c	5
	b & c	6
	a, b & c	7

Card Type 03, cont.

Questionnaire Item No.	Instruction	Column
23.	Yes 1 No 2	74
	If yes, no. of children	75-76
	If no, in process	77
	Yes 1 No 2	
24.	Precoded	78
	Card Type 03	79-80

Card Type 04

Questionnaire Item No.	Instruction	Card Column
I. 1a.	Precoded	17
I. 1b.	Operator Spanish-American	18
	Yes 1	
	No 2	
I. 2.	Precoded	19
I. 3.	Precoded	20
3.	1st child	
	Age	21-22
	No. of days per week	23
	Full-day	24
	Yes 1	
	No 2	
	Fee	25
	Yes 1	
	No 2	
	Amount of fee	26
	$ 0 - $ 4.99 1	
	$ 5 - $ 9.99 2	
	$10 - $14.99 3	
	$15 - $19.99 4	
	$20 - $24.99 5	
	$25 - $29.99 6	
	$30 - $34.99 7	
	$35 - $39.99 8	
	$40 - $44.99 9	
	$45 or more 0	
	Specify amount if more than $44.99 (in whole dollars). Code dollar amount without cents (e.g. $3.99 would be 03).	27-28
	2nd child repeat	29-36
	3rd child repeat	37-44

Card Type 04, cont.

Questionnaire Item No.	Instruction		Card Column
3. cont.	4th child	repeat	45-52
	5th child	repeat	53-60
	6th child	repeat	61-68
	7th child	repeat	69-76
	Total number of children included in table		77-78
	Card Type 04		79-80

Card Type 05

Questionnaire Item No.	Instruction		Card Column
3. cont.	8th child	repeat	17-24
	If more than eight children, start with column 20 of card type 05. Thus, the eighth child would be columns 21-28.		
	Card Type 05		79-80

Project No. 0824
Day Care

Day Care Operator
(Short Form)
Edit Rules

General Instructions

1. After editing a questionnaire, put your initials in the upper right-hand corner of the front page.

2. Use a red pencil for editing.

3. Whenever you make a change on the questionnaire put your initials next to the change and be prepared to give reasons why the change was made. Keep notes, identifying each questionnaire by the serial number found on the upper right-hand corner of the cover page.

4. In questions where there is a possible yes-no answer (1 or 2) for each item in a question:

   a. If at least one "1" is circled, any blanks must be circled "2"

   b. If all blank, call the operator

   c. If at least one "2" is circled but the others are blank, call the operator.

5. Open End questions:

   a. List all comments by question number.

   b. If same answer previously given, tally it.

Specific Rules

Questionnaire Item No.	
1b.	Change the times given so that they are based on the 24-hour clock. Example: 6:00 a.m. to 6:30 p.m. should read 0600-1830.
3.	The total children listed should be the same as or less than Q. 2. The total will be less than if the respondent cares for children older than 13 years of age. If amount given is for other than a 5-day week, convert figures to weekly amounts.

Questionnaire Item No.	
4a.	If "no", then Q. 4b and Q. 4c should be blank.
4c.	If "yes" to Q. 4a, figure should be rounded to nearest dollar -- round 50 cents up to next dollar.
	If the amount given is for other than a five-day week, adjust accordingly.
6a.	Record "some" -- code 1 -- or "none" -- code 2.
	Should correspond with Q. 3. Number of children listed should not exceed the total number of part-day children of school age (5 or over) listed in Q. 3. Exceptions: (1) When the center is open more than 7 hours after school -- until 10:30 p. m. at night, or (2) five year-old kindergarteners who come before and after school and are listed as full-day.
	If "none", then Q. 6b should be blank.
7a.	If "no", then Q. 7b should be blank.
11a.	If "no", then Q. 11b should be blank.
	If "yes" but no such children are enrolled at present, there should be zeros in the blanks.
13a.	If "no" then Q. 13b and Q. 13c should be blank.
	If "yes" then Q. 13d should be blank.
14a.	Record number of hours reported. Round half hours to nearest hour.
	Total hours reported should not exceed number of hours reported in Q. 1b.
14b.	Same as Q. 14a.
14c.	Record individual answers.
16a.	Includes families of both full-day and part-day enrolled children.

Questionnaire Item No.	
16b.	Number of families of children currently enrolled on a full-day basis. May be less than Q. 16a.
16ba.	Totals reported in Q. 16ba, Q. 16bb, and Q. 16bc must be same as reported in Q. 16b.
17.	Convert years to months.
18a.	If "no", Q. 18b should be blank.
19.	Add: Vocational 7 Nursing 8
20c.	If "no", then Q. 20d should be blank.
22a.	If "no", then Q. 22b should be blank.

Westat Research, Inc.

MULTIPLE LAYOUT CARD FORM

4/12/71

page 1 of 2

SHORT FORM

CUSTOMER NAME OEO DAY CARE (OPERATOR QUESTIONNAIRE) CONTROL NO. 0824

Columns	DATA FIELD NO		
1-2		PSU NO.	
3-4		HOME NO.	
5		COUNTY	
6-7		HOME TYPE	
8-10		PARENT NO.	
11-14		TRACT OR ED NO.	
15-16		BLANK	
17	1	Q.1A	
18-21	2	Q1B FROM	
22-25	3	Q1B TO	
26-27	4	Q 2	
28	5	Q4A TRANSPORT	
29	6	4B EX-CHARGE	
30-31	7	4C AMOUNT	
32	8	5 (1)	
33	9	(2)	
34	10	(3)	
35	11	(4)	
36	12	(5)	
37	13	6YR (Y/N)	
38-39	14	Q6A Before	
40-41	15	AFTER	
42-43	16	BOTH	
44	17	BREAKFAST	Q 6B
45	18	LUNCH	
46	19	DINNER	
47	20	AM SNACK	
48	21	PM SNACK	
49	22	Q7A	
50	23	Q7B HOW	
51	24	MANY	
52	25	Q8 ILLNESS	Q 9
53	26	HOSP/CLINIC	
54	27	PHYSICIAN	
55	28	NURSE	
56	29	Q10	
57	30	11A HANDHDC	Q 11B
58-59	31	FULL DAY	
60-61	32	HALF DAY	
62	33	FIRE EXTIN.	Q 12
63	34	RUN WATER	
64	35	FL TOILET	
65	36	TABLES	
66	37	PHONE	
67	38	ISOLATION	
68	39	TV SET	
69	40	COTS, ETC	
70	41	MUSICAL	
71	42	DOLL PLAY	
72	43	ART EQUIP	
73	44	BOOKS	
74	45	B. [illegible] WAGONS	
75	46	OTHER	
76-78		BLANK	
79-80		CARD TYPE 01	

Columns	DATA FIELD NO.		
1-2		PSU. NO	
3-4		HOME NO.	
5		COUNTY	
6-7		HOME TYPE	
8-10		PARENT NO.	
11-14		TRACT OR ED NO.	
15-16		BLANK	
17	52	13A PLAYGRD	
18	53	13B FENCED	
19	54	13C SWINGS	
20	55	SANDBOX	
21	56	SLIDE	
22	57	JUNGLE GYM	
23	58	OTHER	
24	59	PRIVATE	Q 13D
25	60	PUBLIC	
26	61	OTHER	
27	62	TELEVISION	Q 14A
28	63	OUT-OF-DOORS	
29	64	INDOORS	
30	65	EATING	
31	70	NAPPING	
32	71	PLAYING	14B
33	72	READING	
34-35		BLANK	
36	73	SONGS	Q 15
37	74	ALPHABET	
38	75	COUNTING	
39	76	OTHER	
40	77	Q16A	
41	78	NO OF FAM.	
42-43	79		
44-45	80	TWO	Q 16BA
46-47	81	FEMALE	
48-49	82	MALE	
50-51	83	OTHER	
52-53	84	DON'T KNOW	
54-55	85	TOTAL	
56-57	86	2,000	Q 16BB
58-59	87	2000-3999	
60-61	88	4,000-5,999	
62-63	89	6,000-7,999	
64-65	90	8,000-9,999	
66-67	91	10,000	
68-69	92	DON'T KNOW	
70-71	93	TOTAL	
72-73	94	FULL TIME	Q 16BC
74-75	95	PART TIME	
76-77	96	NOT WORKING	
78		BLANK	
79-80		CARD TYPE 02	

Columns	DATA FIELD NO		
1-2		PSU NO.	
3-4		HOME NO.	
5		COUNTY	
6-7		HOME TYPE	
8-10		PARENT NO.	
11-14		TRACT OR ED NO	
15-16		BLANK	
17-18	97	DON'T KNOW	Q 16BC
19-20	98	TOTAL	
21-23	100	Q17 MONTHS	
24	101	Q18A TRAINING	
25	102	NURSE	Q 18B
26	103	EARL	
27	104	OTHER	
28	105	Q19 EDUCA.	
29	106	20A REL.	1st PERSON
30-31	107	AGE	
32	108	JOB	
33	109	20B	
34-37	2nd		
38	113		
39-42	3rd PERS		
43-46	4th PERS		
47-48	121		
49-52	5th PERS		
53-57	6th PERS		
58	129		
59-62	7th PERS		
63	133		
64-65	134	TOTAL PERSONS	
66	135	20C HELP	
67	136	HUSBAND	Q 20D
68	137	MOTHER	
69	138	CHILDREN	
70	139	OTHER	
71	140	21 INCOME	
72	141	22A SUPPORT	
73	142	22B WHO	
74	143	23 LICENSED	
75-76	144	HOW MANY	
77	145	IN PROCESS	
78	146	24 ASSIST	
79-80		CARD TYPE 03	

Westat Research, Inc.

MULTIPLE LAYOUT CARD FORM

4/12/71

page 2 of 2

OPERATOR QUESTIONNAIRE
(SHORT FORM)

CUSTOMER NAME OEO DAY CARE

CONTROL NO. 0824

PSU NO.	1 2	
HOME NO	3 4	
COUNTY NO	5	
HOME TYPE	6 7	
PARENT NO	8 9 10	
TRACT OR ED. NO.	11 12 13 14	
BLANK	15 16	
I 1A	17	
I 1B	18	
I 2	19	
I 3	20	
Q3 AGE	21 22	1ST Child
NO. OF DAYS	23	
FULL DAYS	24	
FEE	25	
AMOUNT CD	26	
AMOUNT $	27 28	
	29 30 31 32 33 34 35 36	2ND Child
	37 38 39 40 41 42 43 44	3RD
	45 46 47 48 49 50 51 52	4th
	53 54 55 56 57 58 59 60	5th
	61 62 63 64 65 66 67 68	6th
	69 70 71 72 73 74 75 76	7th
TOTAL NO OF Children TAB.	77 78	
CARD Type 04	79 80	

PSU NO	1 2	
HOME NO	3 4	
COUNTY NO.	5	
HOME TYPE	6 7	
PARENT NO	8 9 10	
TRACT OR ED NO	11 12 13 14 15	
BLANK	16 17 18 19 20	
	21 22 23 24 25 26 27 28	8th
	29 30 31 32 33 34 35 36	9th
	37 38 39 40 41 42 43 44	10th
	45 46 47 48 49 50 51 52	11th
	53 54 55 56 57 58 59 60	12th
	61 62 63 64 65 66 67 68	13th
	69 70 71 72 73 74 75 76	14th
	77 78	
CARD Type 05	79 80	

PSU NO	1 2	
HOME NO	3 4	
COUNTY NO	5	
HOME TYPE	6 7	
PARENT NO	8 9 10	
TRACT OR ED NO.	11 12 13 14	
BLANK	15 16 17 18 19 20 21 22 23 24 25 26 27 28	
	29 30 31 32 33	8th PERS
	34 35 36 37 38	9th PERS
	39 40 41 42 43	10th PERS
	44 45 46 47 48	11th PERS
	49 50 51 52 53	12th PERS
	54 55 56 57 58	13th PERS
	59 60 61 62 63	14th PERS
BLANK	64 65 66 67 68 69 70 71 72	
TOT-FULLR	73 74	FOR PROG USE ONLY
TOT-PARTR	75 76	
TOT-13R	77 78	
CARD Type 20	79 80	

QUESTION 20A CONT.

APPENDIX G

SCHOOL SUPERINTENDENTS QUESTIONNAIRE

APPENDIX G

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G. 3 Westat letter to school superintendents G-3

G. 4 Questionnaire - Public School Day Care Program . . G-4

G. 5 Superintendents Questionnaire - Editing and Coding Rules G-6

G. 6 Mail Questionnaire to School Superintendents - Response Rates. G-7

Procedure for Mail Questionnaire to School Superintendents

1) This mail questionnaire is to be sent to all school district superintendents in the selected PSUs, except where there are less than 300 students in the district.

2) The questionnaire will be mailed to the superintendents together with a letter from OEO expalining the purpose of the survey and asking for the cooperation of the superintendent.

3) A franked return envelope, addressed to Westat will be included with the questionnaire.

4) The superintendents will be asked to complete the questionnaire within one week after receipt.

5) If the completed questionnaire has not been received here at Westat's main office 15 days after mailing a follow-up letter will be sent to the superintendent together with another copy of the questionnaire and another franked return envelope.

6) We estimate that this procedure should result in a return rate of not less than 75 percent.

OFFICE OF ECONOMIC
OPPORTUNITY

EXECUTIVE OFFICE OF THE PRESIDENT
WASHINGTON, D.C. 20506

January 1971

Under contract with the Office of Economic Opportunity, Westinghouse Learning Corporation and Westat Research Incorporated are conducting a national survey of day care for children. The purpose of this study is to find out about the availability of day care services nationwide, the extent of the need for day care, and the factors which must be considered in developing plans for any significant expansion of day care nationally.

In addition to conducting face-to-face interviews with operators of day care centers and with mothers who use such centers, we also need some information from public school officials.

For this reason we are sending the enclosed brief questionnaire to a national sample of public school superintendents. It asks about the availability of school-operated day care for pre-school children and before-and-after school day care for school-aged children.

For purposes of this survey, "day care" should be considered as supervised care made available to parents as a continuous program. An example of a program which should not be counted as day care, would be an occasional, 10-12 week, athletic program that does not cover all the weeks in the school year.

We have tried to make the questionnaire simple and easy to complete. We earnestly solicit your cooperation in this effort. The survey, which is the first to be conducted on a national cross-sectional basis in the day care field, will provide badly needed information for both national and regional policy makers and planning bodies. There will be no identification of specific school districts in our published reports.

Please complete the attached form and return it in the enclosed postage-paid envelope directly to Westat Research, Inc.

We thank you for taking the time to respond to our questions.

Sincerely,

Wray Smith

WRAY SMITH, Project Manager
Day Care Survey and Analysis
Office of Research and Evaluation

Westat Research, Inc.
11600 Nebel Street
Rockville, Maryland 20852
Telephone 301-881-5310

January 18, 1971

Dear Superintendent:

Two weeks ago we mailed you copies of the attached letter from the Office of Economic Opportunity and the enclosed questionnaire.

To date we have not received your completed questionnaire. Since it is possible that the first mailing went astray, we are sending you another copy of the questionnaire. Would you please take a few minutes, fill out the questionnaire and return it in the enclosed postage-paid envelope.

Your cooperation will be greatly appreciated.

Sincerely,

James M. Daley

James M. Daley
Project Director

JMD:p
Enclosures

WESTAT RESEARCH, INC.
11600 Nebel Street
Rockville, Maryland 20852

OMB No. 116S-70029
Expires 2/28/71
Study No. 0824
January 1971

PUBLIC SCHOOL DAY CARE PROGRAMS

A. PRE-SCHOOL AGE CHILDREN

1. Do any of the schools in your district operate a program of supervised day care for pre-school age children?

Yes ☐ 1
No ☐ 2 (SKIP TO ITEM 5)

IF YES (there is a program):

2. Please fill in the table below.

	NUMBER OF SCHOOLS	APPROXIMATE NUMBER OF CHILDREN
Full-day only		
Part-day only		
Full-day and Part-day		

If only part-day program is offered, SKIP TO ITEM 4.

3. If any children receiving FULL-DAY CARE are entered in the above table, do parents usually have to pay anything for having their children in this program?

a. Yes, parents pay the following per child. . . ☐ 1
$________ per ________

b. Yes and No, depending on family income, number of children or other factors ☐ 2

c. No, parents do not pay ☐ 3

4. Does this program generally offer (CHECK ALL THAT APPLY):

	CUSTODIAL CARE	SUPERVISED RECREATION	EDUCATIONAL PROGRAM	OTHER (SPECIFY)
Full-day Program				
Part-day Program				

B. SCHOOL-AGE CHILDREN

5. Do any of the schools in your district operate a program of supervised day care for school-age children?

Yes ☐ 1
No ☐ 2 (SKIP TO ITEM 8)

IF YES (there is a program):

6. Please fill in the table below.

	NUMBER OF SCHOOLS	APPROXIMATE NUMBER OF CHILDREN	DO PARENTS USUALLY HAVE TO PAY FOR THIS PROGRAM?	
			Yes	No
Before School only				
After School only				
Before and After School				

7. Does this program generally offer (CHECK ALL THAT APPLY):

	CUSTODIAL CARE	SUPERVISED RECREATION	EDUCATIONAL PROGRAM	OTHER (SPECIFY)
Before School only				
After School only				
Before and After School				

8. Thank you for your cooperation. Please return your completed questionnaire in the enclosed envelope.

Superintendents Questionnaire
Editing and Coding Rules

General Instructions

Code the following in order:

1. PSU No. two digits with leading zero where applicable.
2. County No.
3. County Weight.
4. District number within county. Number districts consecutively as they are coded.
5. Number of schools in district. This number is found in "Education Directory, Public School Systems, 1969-70."
6. Enrollment in district. This figure is also found in the above-mentioned publication.

Questionnaire Item No.

1. Precoded

   If the answer is 2, questions 2, 3, and 4 are blank.

2. Code actual numbers.

3. Precoded. If the answer is 1 and a dollar amount is given, convert to a "per week" figure, if necessary.

4. Code only those types of programs which are offered.

Custodial Care	1
Supervised Recreation	2
Educational Program	3
Other	4

5. Precoded. If answer is 2, questions 6 and 7 should be coded as blank.

6. Code actual numbers, first for "before school only", then "after school only" and last for "before and after school." In regard to whether parents pay or not, code for each category.

Yes	1
No	2

7. Same procedure as Item No. 4.

Mail Questionnaire to School Superintendents

Response Rates

The mail questionnaire was sent to 1,400 public school district superintendents in the counties and PSUs that made up the day care sample.

Of the 1,400 questionnaires that were mailed, 1,277 or 91 1/2 percent were returned within 1 month. Of these returned, 112, or eight percent indicated that some day care was provided in public schools within that district.

APPENDIX H

CONTINGENCY TABLE ANALYSIS

APPENDIX H

CONTINGENCY TABLE ANALYSIS

A number of two-way associations were investigated using contingency tables. These analyses were restricted to selected items on the center and parent questionnaires and used only unweighted frequencies or counts.

The use of unweighted counts is contradictory to the assumptions underlying the chi-square contingency table analysis and the results should be used with some caution. The optimum technique for using contingency table analysis with frequencies having different probabilities of selection is to introduce a third or weighting dimension and to first determine independence relative to this dimension. If the results of the two-way analyses seem to be the same at all weight levels, then the differential weighting can be ignored.

In the present study, there were several weight levels. Use of the above procedure would have caused a serious reduction in sample size if each level were studied separately. Also, construction of the needed tables would have been a major processing task and outside the bounds of the present level of effort.

Some insight into the magnitude of the differences resulting from the selections with unequal probabilities is obtained by comparing the results of the analysis using observed, unweighted frequencies with the results using "average" frequencies. For a selection of two-way analyses, each cell of the table of weighted frequencies was divided by the average weight to produce a table of "average" frequencies. The table of "average" frequencies was then subjected to the ordinary contingency table analysis. A comparison of the differences in the computed chi-square values for the two kinds of frequencies is given in Table H-1. The chi-square values computed from the "average" frequencies are mostly within 15 percent of the usual chi-square value and would not ordinarily lead to different conclusions relative to the likelihood of an association. The one extreme difference (item 5) involves the largest number of cells which might explain the relatively much larger chi-square using "average" frequencies. However, even here, the analysis would not be affected by the big difference.

Also included in Table H. 1 are chi-square values based on the information statistics applied to the unweighted frequencies* These computed chi-square values have actually been computed for all of the analyses but are given here for this selection of items as examples of the differences obtained. In general, the chi-square value obtained using the usual analyses and that using the information statistics differed very little. The calculation of these two chi-square values is described in the following paragraph.

Let x_{ij} be the unweighted frequency of the ij^{th} cell where $i = 1, 2, .. r$ and $j = 1, 2, ..., c$ are the row and column indices respectively in an r x c contingency table. Then

(a) The usual chi-square is

$$\chi^2 = \sum_{i=1}^{r} \sum_{j=1}^{c} x_{..} \frac{\left(x_{ij} - x_{i.}\, x_{.j} / x_{..}\right)^2}{x_{i.}\, x_{.j}}, \qquad (1)$$

and

(b) The information statistic chi-square is

$$\chi^2 = 2 \sum_{i=1}^{r} \sum_{j=1}^{c} x_{ij} \log \left(x_{..}\, x_{ij} / x_{i.}\, x_{.j} \right), \qquad (2)$$

where $\sum_{i=1}^{r} x_{ij} = x_{.j}$; $\sum_{j=1}^{c} x_{ij} = x_{i.}$; and

$$\sum_{i=1}^{r} \sum_{j=1}^{c} x_{ij} = x_{..}$$

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*Kullback, Solomon Information Theory and Statistics , John Wiley and Son, Inc., N.Y., 1959, pages 155-159.

Table H. 2 summarizes the results of the associations investigated in the present study. This table indicates the source of the counts used, the number of degrees of freedom and the approximate level of significance. The counts are unweighted frequencies obtained from the questionnaires given in the data units column and related to particular cross-classification as given by the two classification variables. The particular question involved is given in parenthesis along with the names of the first and second classification variables.

If a two-way cross tabulation involves r rows and c columns or rc cells, then there are (r-1) • (c-1) degrees of freedom. This simply indicates the parameter of the chi-square distribution of interest in any particular case. The table of frequencies used in the analysis was formed so that no single cell frequency was less than five. If rows or columns had to be collapsed to accomplish this goal, this was done manually to assure logical combinations. The actual row and column headings appropriate to any one analysis are available from the source computer printouts aided by the question references given in Table H. 2.

The level of significance is the probability of obtaining a chi-square value as large or larger than the computed chi-square by chance alone, if the classifications were independent. The smallest tabled probability is 0.001 so that values at this probability may in fact be considerably smaller All the probabilities given in Table H. 2 are with respect to the usual computed chi-square. If the level of significance or probability would have been different using the chi-square value based on the information statistic, this is indicated in a footnote.

Table H.1 Comparison of Computed Chi-Square Values for Selected Items

Item	Data Units and Classifications	Degrees of Freedom	Computed χ^2 Values		
			Unweighted Frequencies	Information	"Average" Frequencies
	CENTERS ($\bar{w}$ = 58.3)				
1.	- Size x Availability of P & L	4	18.1	18.1	20.1
2.	- Type x Ownership	4	48.8	48.9	55.3
	STAFF ($\bar{w}$ = 58.3)				
3.	- Race x Salary	4	9.5	9.4	8.8
4.	- Education x Primary Function	8	144.3	120.3	110.3
	AREA PARENTS ($\bar{w}$ = 3905)				
5.	- All Households - Income x Education	12	87.5	83.4	130.4
6.	- Working Mother Households - Type Household x Kind of Child Care Desired for Improvement-School Kids	3	12.2	12.1	15.3
7.	- Non-Working Mother Households- Race x Looking for Work	4	63.3	59.7	67.2

Table H. 2 Summary of Chi-Square Contingency Table Analyses

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Full-time Staff	Education (Q28b)	Primary Function	28b	8	0.001
...	...	Age	...	9	0.001
...	...	Race	...	8	0.001
...	...	Years of Related Exp.	...	24	0.01
...	...	Years at Center	...	18	0.10
...	...	Ownership of Center	...	16	0.10
...	...	Size of Center	...	16	0.001
...	Salary(Q28b)	Primary Function		6	0.001
...	...	Age	...	10	0.01
...	...	Race	...	4	0.10
...	...	Years of Related Exp.	...	16	0.001
...	...	Years at Center	...	18	0.001
...	...	Type of Center	...	4	0.001
...	...	Ownership of Center	...	12	0.001
...	...	Size of Center	...	10	0.001
Part-time Staff	Education (Q28b)	Primary Function	28b	6	0.001
...	...	Age	...	9	0.001
...	...	Race	...	5	0.001
...	...	Years of Related Exp.	...	15	0.001
...	...	Years at Center	...	12	0.20*
...	...	Type of Center	...	8	0.001
...	...	Ownership of Center	...	12	0.01
...	...	Size of Center	...	12	0.20

* Info. Stat. Sig. at .10

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Part-time Staff	Salary (Q28b)	Primary Function	28b	2	0.30
...	...	Age	...	2	0.30
...	...	Race	...	2	0.001
...	...	Years of Related Exp.	...	4	0.001**
...	...	Years at Center	...	4	0.01
...	...	Ownership of Center	...	4	0.001
...	...	Size of Center	...	3	0.02
Licensed Centers (Operators)	Size of Center (Q5)	Accept Mentally Handicapped Children?	11a	4	0.10
...	...	Ownership of Center	12a	6	0.50
...	...	Exclusive Facility Use?	15a	4	0.01
...	...	Written Activity Schedule?	20	3	0.01
...	...	Care for School Children?	25a	4	0.80
...	...	Accept Children with Minor Illnesses?	27	4	0.50
...	...	Staff-Parent Conferences?	35a	3	0.20
...	...	Weekly Fee, One Child	41, 43	6	0.02
...	...	P & L Statement?	47a	4	0.02*
...	...	Government Insurance?	52	4	0.001

* Info. Stat. Sig. at .10

** Info. Stat. Sig. at .01

DATA UNITS	CLASSIFICATIONS First	CLASSIFICATIONS Second	Sample Question	Degrees of Freedom	Level of Significance
Centers (Operators)	**Size of Center** (Q5)	Accept Mentally Handicapped Children?	11a	4	0.10
...	...	Ownership of Center	12a	6	0.30
...	...	Exclusive Facility Use?	15a	4	0.01
...	...	Written Activity Schedule?	20	3	0.01
...	...	Care for School Children?	25a	4	0.80
...	...	Accept Children with Minor Illnesses?	27	4	0.70
...	...	Staff-Parent Conferences?	35a	3	0.20
...	...	Weekly Fee, One Child	41, 43	6	0.05
...	...	P & L Statement?	47a	4	0.001
...	...	Government Assistance?	52	4	0.01
...	Ownership of Center (Q's 12a, 13, 14)	Accept Mentally Handicapped Children?	11a	4	0.80
...	...	Exclusive Facility Use?	15a	4	0.10
...	...	Written Activity Schedule?	20	2	0.001
...	...	Care for School Children?	25a	3	0.001
...	...	Accept Children with Minor Illnesses?	27	5	0.40*
...	...	Staff-Parent Conferences?	35a	2	0.10**
...	...	Weekly Fee, One Child	41, 43	4	0.50
...	...	P & L Statement?	47a	4	0.01
...	...	Government Assistance?	52	4	0.001

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* Info. Stat. Sig. at .30

** Info. Stat. Sig. at .05

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Centers (Operators)	Ownership of Center (cont)	Need for Day Care Facilities:			
(cont.)	...	- Working Mother?	48a	2	0.01
...	...	- Non-working mothers?	48a	2	0.001
...	...	- Other Needs?	48a	2	0.001
...	...	Internal Conditions	I3	1	0.001
...	...	External Conditions	I3	1	0.001
...	Type of Center	Accept Mentally Handicapped Children?	11a	2	0.20
...	...	Ownership of Center	12a	4	0.001
...	...	Exclusive Facility Use?	15a	2	0.001
...	...	Written Activity Schedule?	20	2	0.02
...	...	Care for School Children?	25a	2	0.02
...	...	Accept Children with Minor Illnesses?	27	2	0.70
...	...	Staff-Parent Conferences?	35a	2	0.001
...	...	Weekly Fee, One Child	41, 43	2	0.001
...	...	P & L Statement?	47a	2	0.001
...	...	Government Assistance?	52	2	0.001
...	...	Licensed Center Size	5, 50	2	0.001
...	...	Need for Day Care Facilities:			
		- Working Mothers	48a	2	0.001
		- Non-working Mothers	48a	2	0.001
		- Other Needs	48a	2	0.001
...	...	Internal Conditions	I 3	2	0.02
...	...	External Conditions	I 3	2	0.02

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Centers (Operators) (cont.)	Type of Center (cont.)	Equipment Available:			
		- Science?	19VII	2	0.001
...	...	- Audio?	19IX	2	0.98
...	...	- Other Spec. Equipm.?	19X	2	0.01
...	...	Replacement Cost of Available Equipment:			
		- Indoor Muscle Dev.?	19 I	4	0.001
		- Quiet Play?	19 II	4	0.001
		- Art Work?	19 III	4	0.001
		- Doll Play?	19 IV	4	0.001
		- Musical?	19 V	4	0.001
		- Outdoor?	19 VI	4	0.01
		- Science?	19 VII	2	0.50
		- Cots, Cribs, Mats?	19 VIII	4	0.001
		- Audio?	19 IX	4	0.20
User Parents - All Households	Terminal School Grade Of Respondent (Q 2)	Race of Respondent	I 1	2	0.001
...	...	Family Income	10	6	0.001
...	...	Working Status of Mother	3a	3	0.001
...	...	Type of Household	1c	2	0.001
Area Parents - All Households	Terminal School Grade Of Respondent (Q 2)	Race of Respondent	I 1	4	0.001
...	...	Family Income	10	12	0.001
...	...	Working Status of Mother	3a	3	0.001
...	...	Type of Household	1c	3	0.70
...	...	Area Type	-	9	0.001

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Area Parents - Working Mother HH's	Race of Respondent (Q I 1)	Care Desired:			
		- Pre-schoolers	6a	3	0.70
...	...	- School-age kids	7a	3	0.50
...	...	Weekly Fee Able to Pay:			
		- Pre-schoolers	6b	3	0.05
		- School-age kids	7b	2	0.05
...	...	Poor Attendance Due to Day Care Problems?	8	2	0.90
Area Parents - Non-Working Mother HH's	...	If Working, Day Care Youngest Child	NW1	8	0.001
...	...	Worked Since Children?	NW3	2	0.001
...	...	Reason For Stopping Work	NW5	8	0.10
...	...	Poor Attendance Due to Day Care Problems, When Working?	NW7	4	0.01
...	...	Planning to or Looking for Work?	NW8	4	0.001
...	...	Stopped Work Due to Day Care Problems?	NW6	2	0.05
...	...	Reason for Not Working Now	NW10	10	0.001

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Area Parents - Working Mother HH's	Family Income Income (Q10)	Care Desired:			
		- Pre-schoolers	6a	3	0.20
...	...	- School-age kids	7a	3	0.50
...	...	Weekly Fee Able to Pay:			
		- Pre-schoolers	6b	6	0.20
		- School-age kids	7b	2	0.10
...	...	Poor Attendance Due to Day Care Problems	8	3	0.10*
	...				
Area Parents - Non-Working Mother HH's	...	If Working, Day Care for Youngest Child	NW1	12	0.30
...	...	Worked Since Children?	NW3	5	0.20
...	...	Reason for Stopping Work	NW5	16	0.05
...	...	Poor Attendance Due to Day Care Problems, When Working?	NW7	10	0.05***
...	...	Planning to or Looking for Work?	NW8	10	0.001
...	...	Stopped Work Due to Day Care Problems?	NW6	5	0.50**
...	...	Reason for Not Working Now	NW10	20	0.001

* Info. Stat. Sig. at 0.20

** Info. Stat. Sig. at 0.70

*** Info. Stat. Sig. at 0.10

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Area Parents - Working Mother HH's	Type of Household (one or two parents) (Q 1c)	Care Desired:			
		- Pre-schoolers	6a	3	0.30
		- School-age kids	7b	2	0.05
		Poor Attendance Due to Day Care Problems ?	8	3	0.10*
Area Parents-Non-Working Mother HH's	...	If Working, Day Care for Youngest Child	NW1	5	0.02
...	...	Worked Since Children?	NW3	1	0.01
...	...	Reason for Stopping Work	NW5	7	0.10
...	...	Poor Attendance Due to Day Care Problems, While Working?	NW7	2	0.001
...	...	Planning to or Looking for Work?	NW8	2	0.001
...	...	Stopped Work Due to Day Care Problems?	NW6	1	0.02**
...	...	Reason for Not Working	NW10	5	0.001

* Info. Stat. Sig. at 0.20

** Info. Stat. Sig. at 0.05

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
Area Parents - Working Mother HH's	Type of Area	Care Desired:			
		- Pre-schoolers	6a	6	0.20
...	...	- School-age kids	7a	4	0.10
...	...	Weekly Fee Able to Pay:			
		- Pre-schoolers	6b	6	0.20
..		- School-age kids	7b	2	0.50
...	...	Poor Attendance Due to Day Care Problems?	8	2	0.50
Area Parents - Non-Working Mother HH's	...	If Working, Day Care for Youngest Child	NW1	10	0.01
...	...	Worked Since Children?	NW3	3	0.50
...	...	Reason for Stopping Work	NW5	16	0.001*
...	...	Poor Attendance Due to Day Care Problems, When Working	NW7	6	0.01
...	...	Planning to or Looking for Work?	NW8	6	0.05
...	...	Stopped Work Due to Day Care Problems?	NW6	3	0.70
...	...	Reason for Not Working Now	NW10	15	0.01
User Parents - Working Mother HH's	Race of Respondent (Q I 1)	Care Desired:			
		- Pre-schoolers	6a	2	0.02
...	...	- School-age kids	7a	2	0.70
...	...	Weekly Fee Able to Pay:			
		- Pre-schoolers	6b	3	0.01
		- School-age kids	7b	1	0.001

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* Info Stat. Sig. at 0.01 Level

DATA UNITS	CLASSIFICATIONS First	CLASSIFICATIONS Second	Sample Question	Degrees of Freedom	Level of Significance
User Parents - Working Mother HH's(cont.)]	Race of Respondent (cont.)	Poor Attendance Due to Day Care Problems?	8	2	0.20
User Parents - Non-Working Mother HH's	Family Income (Q 10)	Care Desired:			
		- Pre-schoolers	6a	6	0.70
		- School-age kids	7a	4	0.50
...	...	Weekly Fee Able to Pay:			
		- Pre-schoolers	6b	2	0.001
		- School-age kids	7b	1	0.001
...	...	Poor Attendance Due to Day Care Problems?	8	4	0.70
User Parents - Non-Working Mother HH's	...	If Working, Day Care Youngest Child	NW1	2	0.70
...	...	Worked Since Children?	NW3	2	0.05
...	...	Poor Attendance Due to Day Care Problems, When Working?	NW7	1	0.20
...	...	Planning to or Looking for Work?	NW8	1	0.01
...	...	Stopped Work Due to Day Care Problems?	NW6	1	0.90

DATA UNITS	CLASSIFICATIONS		Sample Question	Degrees of Freedom	Level of Significance
	First	Second			
User Parents - Working Mother HH's	Type of Household (one or two parents) (Q1c)	Care Desired:			
		- Pre-schoolers	6a	2	0.50
		- School-age kids	7a	2	0.30
...	...	Weekly Fee Able to Pay:			
		- Pre-schoolers	6b	4	0.01
		- School-age kids	7b	1	0.01
...	...	Poor Attendance Due to Day Care Problems?	8	2	0.95
User Parents - Non-Working Mother HH's	...	If Working, Day Care Youngest Child	NW1	1	0.70
...	...	Worked Since Children?	NW3	1	0.01
...	...	Poor Attendance Due to Day Care Problems, When Working?	NW7	2	0.70
...	...	Planning or Looking for Work?	NW8	1	0.001
...	...	Stopped Work Due to Day Care Problems?	NW6	1	0.02*

* Info Stat. Sig. at 0.05